FILE NOTATIONS

Entered in NID File ....✓....
Location Map Pinned ....✓....
Card Indexed ....✓....

Checked by Chief PMB
Approval Letter 12-26-72
Disapproval Letter .....

COMPLETION DATA:
Date Well Completed 8-23-73
Location Inspected .....

OW..... WW..... TA.....
GW..... OS..... PA.....

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....
Electric Logs (No.) ....✓....

E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog ..... CCLog.....

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [X] Multiple Zone [ ]

2. Name of Operator: Shell Oil Company (Rocky Mountain Div. Production)
Tenneco-Chevron-Altex-Sabine Explor.-Duncan

3. Address of Operator: 1700 Broadway, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FNL and 1664' FEL Sec 28
At proposed prod. zone: NE/NW/4

5. Lease Designation and Serial No.: Patented

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Farm or Lease Name: Winkler

9. Well No.: 1-28A3

10. Field and Pool, or Wildcat: Altamont

11. Sec., T., R., M., or Blk. and Survey or Area: NW/4 NE/4 Section 28-T 1S-R 3W

12. County or Parrish: Duchesne 13. State: Utah

14. Distance in miles and direction from nearest town or post office*: 3 miles east of Altamont

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 660' from sec line and property and lease line

16. No. of acres in lease: 160

17. No. of acres assigned to this well: 640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: No other wells on lease

19. Proposed depth: 14,700'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 6250 GL (Ungraded)

22. Approx. date work will start*: 1-15-73

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17½"	13 3/8"		300'±	Circ to sfc
12¼"	9 5/8"		7250'	Btm 1500' + 300 sx
8 3/4"	7"		12,500'	bullheaded from sfc Btm 1500'
6 1/8"	5" liner		14,700'	Entire liner length

As per attached certified survey plat and Summary of Mud System Monitoring Equipment, BOP Equipment, and Mud Program.

139.5 Acres

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed K. R. Jordan Title Division Operations Engr. Date Dec. 20, 1972

(This space for Federal or State office use)

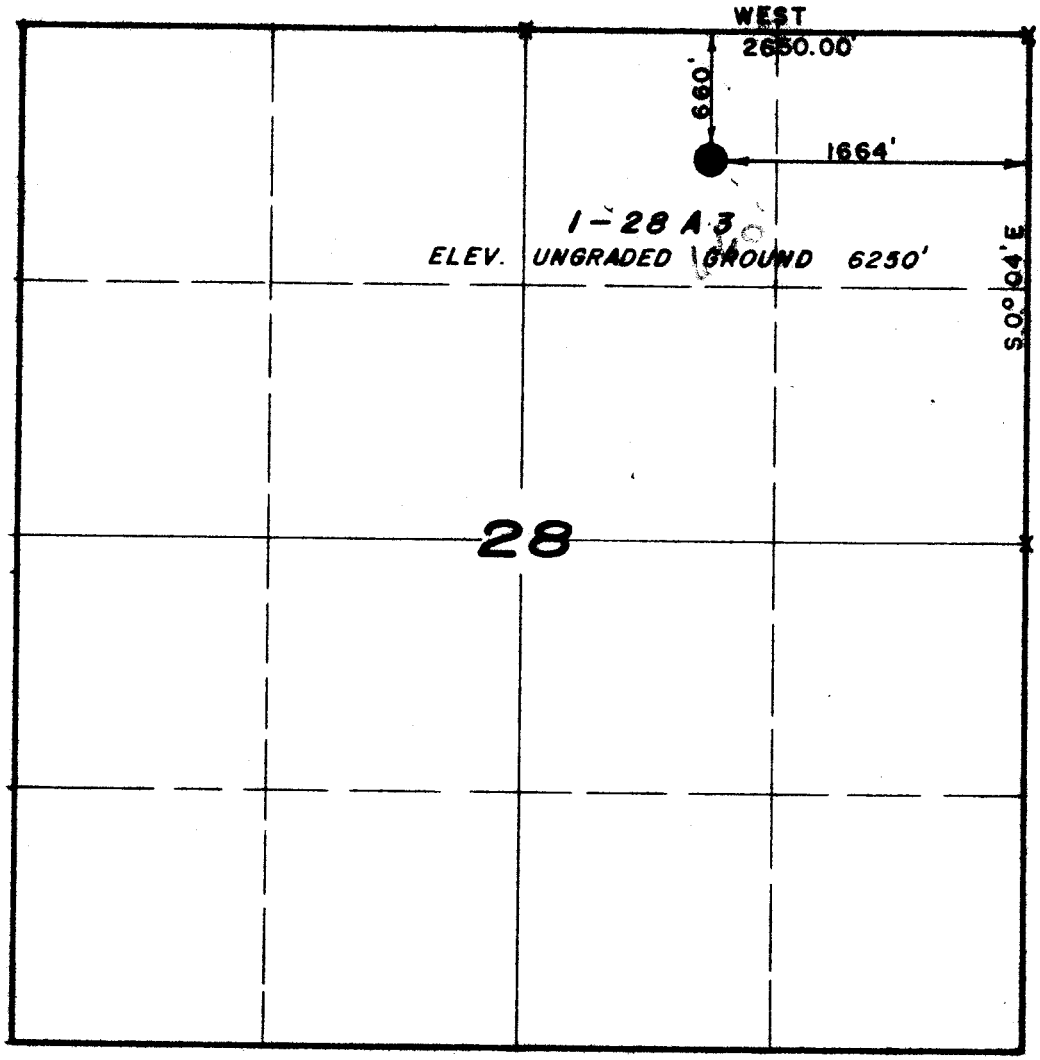
Permit No. 43-013-30191 Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side

T1S, R3W, U.S.B.&M.



X = CORNERS FOUND & USED.

PROJECT

SHELL OIL COMPANY

Well location, *1-28A3*, located as shown in the NW1/4 NE1/4 Section 28, T1S, R3W, U.S.B.& M., Duchesne County, Utah.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dave Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2 Oct. 1972
PARTY G.S., M.S. & S.S.	REFERENCES G L O Plats
WEATHER Warm	FILE Shell Oil Company

December 26, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado

Re: Shell et al Winkler #1-28A3
Sec. 28, T. 1 S, R. 3 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4, dated June 24, 1971.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period; however, the termination date may be extended upon written request of the operator.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-013-30191.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

Form OGCC-3

NOV 19 1973

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Shell Oil Company (Rocky Mtn Div. Production)
Tenneco, Chevron, Barber Oil and Duncan

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 660' FNL and 1664' FEL Sec 28
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Winkler
9. WELL NO.: 1-28A3
10. FIELD AND POOL, OR WILDCAT: Altamont
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NW/4 NE/4 Section 28-T 1S-R 3W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-30191	12-26-72	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-17-73	5-19-73	8-23-73	6250 GL, 6271 KB	21'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,350	14,285		→	Total	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Upper and Lower Wasatch Transition perfs 12,158-14,105

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
I-ES/Cal, DIL, CNL/FDC w/cal, BHCS-GR, PDC, CBL and VDL

27. WAS WELL CORED: Yes

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	307'	17½"	450 sx	0
9 5/8"	40#	7,256'	12¼"	850 sx	0
7"	26 & 29#	12,201'	8 3/4"	670 CF	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5½"	12,107	13,801	470 CF	
3½"	13,693	14,349	65 sx	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
As per attachments	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8-23-73	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-11-73	24	12-42/64"		1464	1319	4	901

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
4600	0		1464	1319	4	43.5° API

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Used for fuel on lse, sold to Mtn Fuel, and remainder flared

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS
Well Log and History, Csg and Cmtg Details

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED K. K. Jorden TITLE Division Operations Engr. DATE 10-29-73

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Shell-Tenneco-Chevron-Barber Oil-Duncan-Winkler 1-28A3

Operator Shell Oil Company (Rocky Mountain Division Production)

Address 1700 Broadway, Denver, Colorado 80202

Contractor Loffland Drilling Company

Address 608 Midland Savings Bldg., Denver, Colorado 80202

Location NW 1/4, NE 1/4, Sec. 28, T. 1 S., R. 3 W., Duchesne County.

Water Sands:

	Depth: From -	To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	No sands tested or evaluated and no water flow encountered			
2.	(GR log available from 300-TD)			
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

OIL WELL			ALTAMONT
SHELL-TENNECO-ALTEX-BARBER OIL-DUNCAN-	LEASE WINKLER	L NO.	1-28A3
FROM: 1-18 - 9-12-73	DIVISION ROCKY MOUNTAIN	ELEV	6271 KB
	COUNTY DUCHESNE	STATE	UTAH

UTAH

ALTAMONT

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test

"FR" 270/92/1/270. Tripping to check bit.
Located 660' FNL and 1664' FEL (NW/4 NE/4) Section 28-T1S-R3W, Duchesne County, Utah.
Elev: 6250' GL (Ungraded)
Shell Working Interest: 71.426%
This is a routine Wasatch development test.
Spudded well @ 1:30 PM, 1/17/73. Dev: 1/4° @ 60'
Mud: 8.7 x 40 x 20.8

JAN 18 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

308/92/2/38. Nippling up BOP's. Circ and cond mud. Dev: 1/2° @ 270'. Ran 7 jts 13-3/8" 68# K-55, ST&C csg to 308'. Set shoe @ 307' w/Baker insert @ 221' and centralizers spaced @ 300' and 262'. Cmtd w/250 sx Class "G" w/3% $CaCl_2$ and 200 sx Class "G". Full cmt returns. Plug down @ 4:30 PM, 1/18/73 w/800 psi. WOC and cut csg. Installed csg hd and tested housing to 1000 psi, OK.

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

1/20: 308/92/3/0. Drilling cmt. Nippled up and press tested csg and Hydril to 800 psi w/wtr.
1/21: 810/92/4/502. Drilling. Dev: 3/4° @ 570'. Worked through bridges, reaming 60' to btm.
1/22: 1951/92/5/1141. Drilling.
Mud: Wtr

JAN 22 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

2733/92/6/782. Drilling. Swept hole w/gel slurry.
Dev: 3/4° @ 2025'.
Mud: Wtr

JAN 23 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

3230/92/7/497. Drilling. Swept hole w/gel slurry.
Changed bit @ 2045'.
Mud: Wtr

JAN 24 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

3843/92/8/613. Drilling. JAN 25 1973
Mud: Wtr

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

4327/92/9/484. Drilling. JAN 26 1973
Mud: Wtr

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

1/27: 4800/92/10/473. Drilling.
Mud: Wtr
1/28: 5165/92/11/365. Drilling. JAN 29 1973
Mud: Wtr
1/29: 5485/92/12/320. Drilling. Sweeping hole w/50 bbls gel each tour.
Mud: 8.33 x 27

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

5620/92/13/135. Tripping in w/new bit. Checked DC, box on swivel and kelly, all OK. Picked up shock sub, DOT jars and four DC's and started in hole. Made SLC: 5614 = 5620. JAN 30 1973
Mud: 8.33 x 27

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

5727/92/14/107. Drilling. Finished tripping in, tagging bridge @ 5340. Picked up kelly and circ. Pulled out of hole finding one jet plugged w/small bolt. Tripped in, tagging bridge @ 5310. Washed and reamed bridges and fill from 5310 to 5620. Mudded up @ 5620. JAN 31 1973
Mud: (gradient .442) 8.5 x 32 x 28.4

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

5935/92/15/208. Drilling.
Mud: (gradient .447) 8.6 x 51 x 40.4 FEB 1 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

6119/92/16/184. Drilling.
Mud: (gradient .473) 9.1 x 36 x 42.2 FEB 2 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

2/3: 6330/92/17/211. Drilling.
Mud: (gradient .462) 8.9 x 34 x 29.2
2/4: 6522/92/18/192. Drilling.
Mud: (gradient .462) 8.9 x 35 x 29.6 FEB 1973
2/5: 6706/92/19/184. Drilling.
Mud: (gradient .457) 8.8 x 33 x 28.4

Shell-Tenneco-Altex-
Barber Oil Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

6805/92/20/99. Drilling. Dev: 2° @ 6726. Tripped for new bit @ 6726 w/hole tight from 3790 to 1730 coming out. Bit and stabs balled up. Hole tight on trip in from 2850 to btm in spots. Washed 300' to btm w/60' of fill.
Mud: (gradient .457) 8.8 x 33 x 25.8

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

7001/92/21/196. Drilling.
Mud: 8.8 x 32 in, 8.8+ x 33 out x 25.8 FEB 7 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

7187/90/22/186. Drilling.
Mud: 9.0 x 40 x 13.6 FEB 8 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
13-3/8" csg @ 307'

7260/90/23/73. Running 9-5/8" csg. Dev: 2° @ 7200'. Circ 2 hrs and strapped out of hole, making 10' correction: 7250 = 7260. Hole tight from 3362-2302. FEB 9 1973
Mud: 9.0 x 40 x 13.6

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

2/10: 7260/89/24/9. Nippling up BOP's. Ran 168 jts 9-5/8" (7232') 40#, ST&C csg w/shoe @ 7256 and collar @ 7165. Cmtd w/550 cu ft B-J Lightwt containing 0.75% D-31. Tailed in w/300 CF Class "G" cmt containing 1% D-31. Plug down @ 4:55 PM, 2/9/73. Good returns throughout cmt job.
Mud: Wtr
FEB 12 1973
2/11: 7260/89/25/0. Nippling up BOP's.
Mud: Wtr
2/12: 7352/89/26/92. Drilling. Tested BOP and chk manifold w/wtr to 5000 psi, OK. Blew out chk manifold w/ steam. Ran in hole and DO float, cmt and shoe. Press tested csg to 1000 psi, OK.
Mud: Wtr

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

7852/89/27/500. Drilling. Bullheaded 300 sx Class "G" w/3% $CaCl_2$ down 13-3/8" x 9-5/8" annulus.
Mud: (gradient .431) 8.3 x 27 FEB 13 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

8147/89/28/295. Drilling. Dev: 3° @ 8110. Tripped for new bit @ 8131, changing out reamer and stabs. Washed 60' to btm.
Mud: 8.3 x 27 FEB 14 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

8510/89/29/363. Drilling.
Mud: (gradient .431) 8.3 x 27 FEB 15 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

8843/89/30/333. Drilling.
Mud: (gradient .431) 8.3 x 27 FEB 16 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

2/17: 9096/89/31/253. Drilling. Dev: 3¼° @ 8930. Tripped for new bit @ 8938. Washed 30' to btm.
Mud: (gradient .431) 8.3 x 27
2/18: 9473/89/32/377. Drilling. FEB 19 1973
Mud: (gradient .431) 8.3 x 27
2/19: 9717/89/33/244. Drilling. Tripped for bit @ 9622.
Mud: (gradient .431) 8.3 x 27

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

10,227/89/34/510. Drilling. FEB 20 1973
Mud: (gradient .431) 8.3 x 27

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

10,535/89/35/308. Drilling. Mudded up @ 10,300'. Started well logger @ 10,467. FEB 21 1973
Mud: 8.7 x 35 x 13.4

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

10,703/89/36/168. Drilling. Dev: 6½° @ 10,620. Tripped in w/new bit @ 10,632, washing 70' to btm - had 5' of fill. FEB 22 1973
Mud: 8.8 x 36 x 12.6

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

10,918/89/37/215. Drilling. Background gas: 4-5 units.
Mud: 9.7 x 36 x 10.0 FEB 23 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

2/24: 11,088/89/38/170. Drilling, prep to trip for bit.
Mud: 10.3 x 39 x 9.6 (1#/bbl LCM)
2/25: 11,100/80/39/12. Driling. Dev: 4° @ 11,050. Circ btms up, tripped for bit @ 11,088. Coated DP w/ inhib. Tested BOP's, OK. Changed out kelly cock. Washed 75' to btm - no fill. Background gas: 4-6 units. Trip gas: 120 units.
Mud: 10.5 x 38 x 8.5 (2#/bbl LCM) FEB 26 1973
2/26: 11,212/80/40/112. Drilling. Background gas: 4-5 units. Connection gas: 5-6 units.
Mud: 10.6+ x 42 x 8.8

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,322/80/41/110. Drilling. Background gas: 4-5 units. Connection gas: 6 units. No mud loss. FEB 27 1973
Mud: (gradient .566) 10.9 x 41 x 8.4 (2#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,364/80/42/42. Drilling. Tripped for new bit @ 11,343, sprayed btm 40 stds of DP for corrosion and magnafluxed DC's. Tripped in and washed 60' to btm. Dev: 3-3/4° @ 11,300. Background gas: 5-10 units. Trip gas: 125 units. Connection gas: 65 units. FEB 28 1973
Mud: (gradient .566) 10.9 x 42 x 8.4 (2#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,497/80/43/133. Drilling. Background gas: 5 units. Connection gas: 6 units.
Mud: (gradient .571) 11.0 x 40 x 8.2 (2#/bbl LCM) MAR 1 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,585/80/44/88. Tripping for bit. Lost 15 bbls of mud @ 11,578. Circ out and started tripping out for bit. Background gas: 5-6 units. Connection gas: 6-7 units.
Mud: (gradient .587) 11.3 x 38 x 8.4 (2#/bbl LCM) MAR 2 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

3/3: 11,678/80/45/93. Drilling. Tripped in w/new bit, breaking circ @ 8000 and 10,000. Background gas: 20-30 units. Connection gas: 110 units. Trip gas: 125 units @ 11,585.
Mud: (gradient .587) 11.3+ x 44 x 8.2 (24+#/bbl LCM)
3/4: 11,768/80/46/90. Circ GCM. Shows as follows:

Interval	Units Gas
11,688	150
11,712	140
11,748-58	250 max, 100 min

Lost partial returns @ 11,704, losing 150 bbls. Lost circ @ 11,758, losing 140 bbls. Sptd two 50:50 fine-med walnut hull pills and regained partial returns. Circ out GCM (100 units gas). Mud cutting from 11.6+ to 11.2+ ppg. Now circ @ 200', regaining circ. Background gas: 30-40 units.
Mud: 11.7 x 45 x 8.8
(Continued)

(Continued)
3/5: 11,770/80/47/2. Circ w/partial returns. Circ and cond G&OCM. Incr mud wt to 11.9 ppg. Had max of 1500 units gas. Drld 2' - had 2' bridge on btm. Started losing mud after DO same. Lost returns. Sptd pills, built and cond mud and circ w/partial returns. MAR 5 1973
Mud: (gradient .615) 11.9+ x 37 x 10.6 (6#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,810/80/48/40. Tripping for bit. Circ and cond mud w/partial returns for 2 hrs, then circ and cond mud w/full returns for 5-3/4 hrs. Background gas: 10-40 units. Connection gas: 80-150 units. MAR 6 1973
Mud: (gradient .620) 11.9+ x 41 x 8.6 (6.5#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,856/80/49/46. Drilling. Checked BOP's and chk manifold. Tripped in w/new bit, circ out @ 7200' and breaking circ @ 10,000'. Washed and reamed 120' to btm - no fill. Hole sli tight @ 11,913-11,725. Background gas: 10-15 units. Connection gas: 80 units. Trip gas: 180 units. MAR 7 1973
Mud: (gradient .623) 12.0 x 43 x 8.5 (6.5#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,943/80/50/87. Drilling. Background gas: 7 units. Connection gas: 22 units. No mud loss. MAR 8 1973
Mud: (gradient .629) 12.1 x 44 x 8.2 (6.5#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

11,987/80/51/44. Circ w/partial returns. Lost complete returns @ 11,987. FL dropped to ±250' from sfc. Suspect loss to be @ 11,768 or previous loss zn. Sptd 2 med-fine walnut hull pills, filling hole after sptg 2nd pill. Lost 750 bbls mud. MAR 9 1973
Mud: (gradeint .623) 12.0 x 39 x 7.8 (7#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9 5/8" csg at 7256'

3/10: 12,037/80/52/50 Drilling. Circ and cond mud. Background gas - 7 units, connection 125 and 60 units. Lost approx 300 bbls at 11,987.
Mud: 11.9 x 41 x 7.8 (LCM 9#/bbl (Oil Trc)
3/11: 12,068/80/53/31 Drilling. Circ btms up prior to trip. Dev: 2° at 12,020. Tripped and broke circ at 8,000 and 10,000. Washed 90' to btm, no fill. Background gas - 6 units, trip gas - 135 units. Lost approx 25 bbls mud past 24 hrs.
Mud: 12.0 x 41 x 7.8 (LCM 8.5) (Oil Trc)
3/12: 12,168/80/53/100 Drilling. Background gas - 6-7 units, connection gas - 10-22 units. Lost approx 35 bbls mud from 12,136-12,168.
Mud: 12.0 x 41 x 8.2 (LCM 10#/bbl)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

12,228/80/55/70. Choking out kick and losing mud. SI well 4 hrs to incr mud wt to control well. Pmpd 126.6 bbls before press incr to 100-150 psi. SIDP press zero. SICP 650 psi. Background gas: 6-8 units. Connection gas: 10 units. Gas at time of SI: 600 units. Lost approx 125 bbls mud last 24 hrs.
Mud: 12.1 x 41 x 8.2 (10#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

12,228/80/56/0. WO hole to heal. Cond mud and circ through chk w/12.3 ppg mud containing 15#/bbl walnut hulls. DP press zero, max CP 370 psi. Reduced CP to 150 after circ out oil and gas. Sptd pill of 40# walnut hulls and let hole heal 6 hrs. Lost approx 575 bbls mud to hole past 24 hrs. Dumped approx 350 bbls contaminated mud to pit. DP press at 6 AM zero, CP 200 psi. Working DP every 30 min w/no apparent drag.
Mud: 12.3 x 41 x 8.2 (10#/bbl LCM) (2.5% oil)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

12,228/80/57/0. Circ and cond mud. WO hole to heal 1½ hrs, then resumed circ on chk w/12.3 ppg mud in and low of 9.6 ppg mud out. Max CP 280 psi, DP press 420 psi. SI well and incr mud wt to 12.4 ppg. ISIP on DP 50 psi, 75 CP, final DP press 50 psi, 225 CP. Circ on chk 6 hrs w/12.4+ ppg mud in and low of 8.5 ppg mud out. Max CP 350 psi, DP press 450 psi. Press dropped to zero. Opened well on flowline w/12.4 ppg mud in and out - gas 15% by vol. SI well to repair degasser. ISIP on csg and DP zero, final press zero. Opened well on 4" bypass and circ and cond mud to 12.5 ppg. Circ @ 22 SPM, 75 GPM, zero backpress.
Mud: 12.4+ x 60 x 6.2 (16#/bbl LCM) (6% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

12,228/80/58/0. Circ. Circ and cond mud 9 hrs. Stopped pump and checked fluid - dropped 4' in 20 min. Circ out. Lost 25 bbls. Made 15-std short trip. Circ out. Gas incr in btms up from 60 to 400 units w/mud cutting from 12.5 to 11.8 for 30 min. Started losing mud. Sptd 30#/bbl LCM pill on btm. Lost 65 bbls. Stopped pump and let hole heal. Hole took 4 bbls. Started circ @ 6 AM w/full returns.

MAR 16 1973

Mud: (gradient .649) 12.5+ x 45 x 6.8 (15#/bbl LCM) (6% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
9-5/8" csg @ 7256'

3/17: 12,228/80/59/0. Logging. Circ and cond hole for logs waiting on Schl truck. Circ @ 28 SPM. Sptd 30#/bbl LCM in open hole prior to pulling out to log. Overdisplaced 2.5 bbls. Hole standing full - no loss or gain. Hole apparently bridged @ 12,204. Worked tight spots @ 12,180 and 9850.

MAR 19 1973

Mud: (gradient .651) 12.5+ x 44 x 7.4 (17#/bbl LCM) (6% oil)

3/18: 12,231/80/60/0. Staging in hole. Ran DIL from 12,198-7250, CNL/FDC from 12,204-10,000 and Sonic-GR from 12,196-300. Hole took 3 bbls mud during logging operations. Tripped in to 8000' and circ out - no loss. Trip displacement 19 bbls short @ 8000'. Tripped to 10,000' and started staging in. Made SLC of 3': 12,228 = 12,231.

MAR 19 1973

Mud: (gradient .649) 12.5 x 43 x 8 (10#/bbl LCM) (1% oil)

3/19: 12,231/80/61/0. RU to run 7" csg. Circ out max of 150 units gas @ 10,000'. Tripped in to TD and tagged bridge @ 12,200. Washed out to 12,202. Circ and cond mud. Max of 200 units gas in btms up w/mud cutting to 12.3 ppg. No mud loss. Laid down DP and DC's, broke kelly, pulled wear sleeve and installed 7" rams. Hole took 8 bbls over displacement.

MAR 19 1973

Mud: (gradient .649) 12.6 x 44 x 7.8 (11#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

12,231/80/62/0. Monitoring mud loss to annulus. Ran 287 jts plus pc 7" 29# ST&C (3919') and 7" 26# LT&C (8295') (total tally 12,214) w/shoe @ 12,201. Washed bridge @ 12,204. Lost complete returns while running csg - approx 9000'. Circ for 30 min @ 7250 w/1/3 returns, w/no returns for 30 min @ 12,197-12,204. Pump press on btm 200 psi - 3 B/M . Cmtd csg w/500 cu ft B-J Lite w/0.5% D-31 and retarder. Tailed in w/170 cu ft "G" w/1% D-31 and retarder. Displaced 1 bbl over calc 457 bbls. Did not bump plug. Displacement press zero, building to 450 psi when tail cmt started out. Static press 200 psi. Float held. No returns throughout job. CIP @ 2 AM, 3/20/73. Lost approx 1200 bbls mud. Pmpd 50 bbls 12.5 ppg and 100 bbls 10.4 ppg mud in annulus to fill same. Now filling annulus each 15 min and monitoring same.
Mud: (gradient .649) 12.5 x 45 MAR 2 0 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

12,231/80/63/0. PB 12,070. Testing BOP's. Kept annulus full, monitoring loss. Hole remained stable last 3 hrs. Set csg slips, nippled down BOP's, nippled up 10" AP spool and tested. Nippled up BOP's, changing rams. Changed out kelly. Started testing BOP's and chk manifold. Press's: 9-5/8 x 7 = 125 psi, 7" = zero.
Mud: (gradient .660) 12.7 x 41 x 6.8 (5#/bbl LCM) (1% oil) MAR 2 1 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

12,231/80/64/0. PB 12,070. Picking up 3½" DP. Tested BOP stack. Annulus press's: 9-5/8" x 7" = 45 psi, 7" x 3-1/2" = zero.
Mud: (gradient .660) 12.7 x 41 MAR 2 2 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

12,231/80/65/0. PB 12,113. Picked up 3½" DP, tagged top plug @ 11,803 instead of 12,070. Remaining calc fillup behind csg - 400', should have been 625'. Drld cmt from 11,803 to 12,070. Drld btm plug and FC @ MAR 2 3 1973 12,070-73 and cmt to 12,113 w/bit torquing. Tested csg to 3150 psi w/12.7 ppg mud @ 11,870' for 15 min, OK.
Mud: (gradient .660) 12.7+ x 46 x 10.6 (5#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

3/24: 12,233/80/66/2. Tripping in w/new bit. Drld cmt and shoe from 12,113 to 12,201. DO bridge from 12,204 to 12,220. Washed to btm @ 12,231. Tested csg to 3250 psi w/12.7+ ppg mud @ 12,175', OK.
Mud: (gradient .660) 12.7+ x 43 x 10.4 (5#/bbl LCM)
3/25: 12,392/80/67/159. Drilling. Washed to btm and resumed drlg. Background gas: 2-3 units.
Mud: (gradient .665) 12.8+ x 45 x 10.6 (5#/bbl LCM)
3/26: 12,521/80/68/129. Drilling. Background gas: 3 units. Connection gas: 4 units. MAR 2 6 1973
Mud: (gradient .680) 13.1 x 51 x 8.4 (5#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

12,661/80/69/140. Drilling. Background gas: 2 units. Connection gas: 3 units. MAR 2 7 1973
Mud: (gradient .690) 13.3 x 50 x 7.2 (4#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

12,806/80/70/145. Drilling. Lost approx 50 bbls mud @ 12,796. Background gas: 6 units. MAR 2 8 1973
Mud: (gradient .727) 14.0 x 49 x 7.4 (3#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

12,930/80/71/124. Drilling. Background gas: 3-4 units. Connection gas: 6 units. Btms up gas: 60 units. MAR 2 9 1973
Mud: (gradient .763) 14.7+ x 49 x 7.4 (3#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,035/80/72/105. Drilling. Lost approx 50 bbls mud from 12,950-12,975± when mud wt was incr to 15.3 ppg. Did not lose any after that time. MAR 3 0 1973
Mud: (gradient .795) 15.3 x 53 x 8.0 (2#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

3/31: 13,053/80/73/18. Drilling. Pump press incr 200 psi while drlg. Tripped out, making dbl SLM - no corr. Hole tight from 12,550-12,450. Tripped in, breaking circ @ 12,000'. Hit bridge or tight spot @ 12,448. Washed and reamed from 12,448-12,560. Finished in hole and washed 60' to btm. Trip gas @ 12,450±: 115 units w/mud cutting from 15.4 to 14.5 ppg. Trip gas @ 13,000±: 300 units w/mud cutting from 15.4 to 14.7 ppg. Present background gas: 6-8 units.
Mud: (gradient .795) 15.3 x 48 x 7.8 (2#/bbl LCM)
4/1: 13,073/80/74/20. Tripping in w/core bbl. Had 200 psi incr in pump press and quit drlg w/3600 psi. Circ btms up and cond mud to 15.4+. Made 15 std short trip w/no drag. Waited 45 min and circ out 105 units gas in btms up. Tripped out making dbl SLM - no corr. Laid down cracked kelly and pulled bit - broken stones and out of gauge. Picked up and ran core bbl and BHA.
Mud: (gradient .800) 15.4 x 51 x 8.2 (3.5#/bbl LCM)
4/2: 13,109/80/75/36. Pulling Core No. 1. Finished tripping in w/core bbl, breaking circ @ 12,000'. CO bridge @ 12,923 and washed 120' to btm. Circ out 360 units trip gas and started coring. Core #1: 13,073-13,109. Circ out 5 units gas in btms up. Background gas: 4-5 units. Connection gas: 20 units. APR 2 1973
Mud: (gradient .800) 15.4 x 50 x 8.2 (3.5#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,136/80/76/27. Circ prior to tripping out w/core #2. Finished pulling core #1 - cut 36' and rec'd 35.8'. Tripped in w/core bbl for core #2, breaking circ @ 11,500. Washed to btm - no fill. Circ 365 units trip up prior to coring 13,109-13,136. Drlg breaks from 13,112-13,121 w/18 units gas and from 13,134-13,135 w/no gas. Broke core off @ 13,136 - bbl jammed. Circ out 10 units gas in btms up and started circ and cond mud for trip out. Background gas: 5-6 units. APR 3 1973
Mud: (gradient .800) 15.4 x 51 x 8.2 (3#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,167/80/77/31. Circ btms up - bbl jammed. Tripped out w/core #2. Cut 27', rec'd 23.8'. Tripped in w/ core bbl for core #3, breaking circ @ 12,000'. Washed 42' to btm - no fill. Had tight spot @ 13,113. Circ btms up and attempted to drill up core left in hole - appeared to work over core rather than drilling up. Core bbl jammed while cutting core #3. Background gas: 5-6 units. Trip gas: 150 units for 14 min. APR 4 1973
Mud: (gradient .800) 15.4+ x 52 x 7.8 (3#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,167/80/78/0. Tripping in w/bit. Circ out max of 10 units gas. Tripped out w/core #3. Overdisplaced 5 bbls. Core #3: 13,136-13,167 - cut and rec'd 31' plus 3.2' of core #2. Cut total of 94' for 3 cores and rec'd 93.8'. Tested BOP stack to 5000 psi and Hydril to 3000 psi, OK. Magnafluxed kelly and drlg assembly, OK.
Mud: (.800) 15.4 x 49 x 7.2 (3#/bbl LCM) APR 5 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,282/80/79/115. Drilling. Broke circ @ 8000' and 12,000' while tripping in. Reamed core hole from 13,073-13,167 and tight spots 13,109-13,117, 13,117-13,145 and 13,150-13,167. Drlg breaks w/no shows @ 13,176-13,188, 13,194-13,196 and 13,200-13,208. Show of 135 units gas w/abundant yellow waxy oil on tanks from 13,268-13,274. Background gas: 22 units. Connection gas: 15-18 units. Trip gas: 375 units. Lost approx 5 bbls mud @ 13,236. Reduced circ from 160 GPM to 148 GPM. APR 6 1973
Mud: (.800) 15.4+ x 50 x 7.4 (4#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

4/7: 13,355/80/80/73. Cond mud prior to drlg. Lost partial returns @ 13,340. Mixed and sptd 30#/bbl fine walnut hulls while drlg. Mixed and pmpd 2nd pill of 50:50 fine & med walnut hulls and regained circ. Btms up gas from downtime: 150 units w/80 units connection gas. Drld from 13,350-13,355 w/excess torque last two ft w/ flow incr from 14 to 24 bbls. Had 8-10 bbl pit incr. Pipe stuck on btm 2 min. Checked for flow and SI well w/90 psi SIDP press and 75 psi SICP. Incr wt in pits from 15.7 to 15.8+ ppg. Circ on chk w/max of 300 psi CP. Some oil up w/gas cutting mud from 15.7 to 15.1 ppg. Opened well and circ and cond viscous mud, incr mud wt to 15.9 ppg w/mud cutting to 15.6 at report time. Lost 120 bbls mud.
Mud: (.826) 15.9 x 48 x 8.8 (12#/bbl LCM)
4/8: 13,400/80/81/45. Drilling. Circ and cond mud to 15.9 ppg w/no loss. Drld 2¼ hrs w/lt wt and low GPM, losing 30 bbls mud/hr. Sptd 2 LCM pills on btm and waited total of 3 hrs (2 hrs on 1st pill and 1 hr on 2nd). Checked kill speed on pumps after regaining circ and resumed drlg abundant frac's w/abnormal torque in spots. No mud loss since 8 PM, 4/7. Background gas: 6 units. Connection gas: 120 units. Downtime gas (2 hrs) 160 units.
Mud: (.821) 15.8+ x 52 x 8.4 (12.5#/bbl LCM)
4/9: 13,474/80/82/74. Drilling. No mud loss past 24 hrs. Background gas: 6 units. Connection gas: 60 units to max of 140 units.
Mud: (.826) 15.9 x 52 x 9.5 (14#/bbl LCM) APR 9 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,550/80/83/76. Drilling. Lost 15 bbls mud @ 13,520. Background gas: 6-8 units. Connection gas: 25-80 units.
Mud: (.856) 15.9 x 50 x 8.8 (14.5#/bbl LCM) APR 10 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,585/80/84/35. Lost circ. Lost approx 520 bbls mud @ 13,585. Sptd 3 LCM pills containing 45-60#/bbl med and fine walnut hulls. Waited 1 hr between first two pills and 6½ hrs on 3rd pill. Background gas: 6 units. Connection gas: 25, 30 and 80 units. APR 11 1973
Mud: (.832) 16.0 x 53 x 7.8 (17#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,585/80/85/0. Lost circ. Sptd 3 pills of 50 bbls each containing 40 sx fine and 40 sx med walnut hulls. Pulled 16 stds and waited 6 hrs. Hole stood full - would not circ. Pulled 10 more stds - swbd back 5 bbls. At report time, reciprocating pipe w/pump in on up stroke and out on down stroke. Lost approx 510 bbls mud last 24 hrs.
Mud: (.832) 16.0 x 58 x 7.8 (17#/bbl LCM) APR 12 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,585/80/86/0. Cond mud @ 6000', losing 14% flow. Pulled 7 stds slowly, swabbing. Attempted to break circ. Pulled 8 stds slowly, swabbing. Circ, losing mud. Cond mud and built vol. Laid down 8 DC's and stabs. Tripped in to 3000', cond mud and lowered mud wt to 15.8 ppg. Ran 32 stds. Lost approx 1180 bbls mud past 24 hrs.
Mud: (.821) 15.8 x 51 x 6.4 (2#/bbl LCM) APR 13 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

4/14: 13,585/80/87/0. Staging in hole. Circ and cond mud from 16 to 15.8 ppg, removing LCM from same. Lost approx 7 B/H. Tripped to 6400', changed out traveling block. With hole standing full, circ 10 min each hr w/no loss. Circ @ 6400' w/no loss. Tripped to 8400' - displacement OK. Circ and cond mud to 15.8 ppg @ 8400', losing approx 4 B/H. Lost approx 35 bbls mud past 24 hrs.
Mud: (.826) 15.9 x 45 x 5.6 (3#/bbl LCM) (1% oil)
4/15: 13,585/80/88/0. Well SI w/80 SIDP press and 130 SICP. Tripped to 10,170 and circ out. Cond mud to 15.8 ppg (btms up mud 15.5 ppg - no gas, no appreciable loss). Tripped to 11,090 and circ out. Mud cutting to 15.3 ppg. Tripped to 12,020 and circ out - started losing mud. Lost 80 bbls w/approx 40% returns. Mixed 100-bbl LCM pill consisting of 5# fine, 5# med and 15# coarse. Let pill soak 2 hrs and sptd 2nd pill of same content. Regained 30% circ after 60 bbls. Let soak 2 hrs, circ and cond mud and regained 90% returns. Kicked pump out and well flowed 55 bbls in 40 min. SI @ 6 AM. Lost 95 bbls after 2nd pill sptd. Total mud loss 520 bbls, regaining 55 bbls.
Mud: (.821) 15.8 x 50 x 6.4 (17.5#/bbl LCM) (2% oil)
4/16: 13,585/80/89/0. Circ and cond mud @ 12,475. Checked SIP as follows: 120 SIDP and 220 SICP. Cond mud on sfc to 15.9 ppg. Circ out on chk w/300 psi CP. Mud cutting to 12.9 ppg w/sli gas cut from btms up. Appears to be wtr flow from 13,355'. Lost 10 bbls mud on chk. Opened well, circ and cond mud w/no loss. Tripped in from 12,020 hitting bridge @ 12,420. Washed out same and started losing mud. Sptd LCM pill of 5# fine, 5# med and 15# coarse. Waited 2 hrs and washed from 12,420-12,495. Sptd 2nd pill as before, built mud vol-hole stable. Watched for flow. Flowed 28.5 B/H. Circ out 120 units gas w/mud cutting to 14.7 ppg. Now circ and cond w/no loss. Regained circ while sptg last pill while same was still in DP.
Mud: (.826) 15.9 x 58 x 5.6 (16#/bbl LCM) (1% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,585/80/90/0. Circ and cond mud @ 13,200. Circ and cond mud; washed in singles from 12,475-13,200 w/no apparent bridges. At 12,475, well flowed about 2 B/M on connection and slightly on DP. At 13,200, flow decr to zero on DP and less than 1/4 B/M on annulus. Circ out very little gas. Mud running 15.9+ x 44-47 vis in and 15.9+ mud out. Vis has decr from 65 to 50 sec out. At 13,200', circ out 120 units max gas w/gas peaking 3 times. Mud cutting to 15.6 ppg. No mud loss last 24 hrs after connections. With pump on, appear to lose approx same amt of mud as gained on connection.
Mud: (.826) 15.9+ x 44 x 4.4 (14#/bbl LCM) (1% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,585/80/91/0. Prep to pull out of hole for bit. Washed to btm w/no problems. Circ out 3½ hrs w/no problems. Checked for flow, OK. Made 20-std short trip and circ out 40 units gas, shaking out coarse walnut hulls. APR 18 1973
Mud: (.826) 15.9+ x 48 x 6.4 (6#/bbl LCM) (1% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,605/80/92/20. Drilling. Tripped out slowly for bit, laying down 27 jts DP. Picked up and ran dia bit and BHA, breaking circ @ 8000' and 12,000'. Washed 90' to btm. No mud loss past 24 hrs. Background gas: 6 units. Trip gas: 65 units. APR 19 1973
Mud: (.826) 15.9+ x 46 x 3.4 (4.5#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

4/20: 13,674/80/93/69. Drilling. Background gas: 6 to zero units. Connection gas: 8 units. Noted CO_2 in mud.
Mud: (.826) 15.9 x 47 x 4.0 (7.5#/bbl LCM)
4/21: 13,740/80/94/66. Drilling. Background gas: 6-8 units. Connection gas: 18 units. Downtime gas: 140 units.
Mud: (.826) 15.9 x 48 x 4.6 (14#/bbl LCM) (1% oil)
4/22: 13,765/80/95/25. Drilling. Drld to 13,752 - had incr in flow. SI well w/220 psi SICP and 75 psi SIDP press. Max gas prior to SI 500 units. Circ out on chk w/o incr mud wt. Mud cutting from 15.9+ to 10.9 ppg w/ abundant oil and gas. SI and incr mud wt to 16.0+ to 16.1 ppg. Circ out on chk. Mud cutting from 15.9+ to 14.0 ppg. Opened well and circ and cond mud. Drld to 13,765. Had show @ 13,754 w/140 units and mud cutting from 16.1 to 15.4 ppg. No mud loss past 24 hrs. Background gas: 20 units. Downtime gas: 140 units.
Mud: (.837) 16.1 x 52 x 3.9 (8#/bbl LCM) (1.5% oil)
4/23: 13,805/80/96/40. Circ on chk. Had sli incr in penetration rate while drlg from 13,798-13,805. Flow incr slightly w/150 units gas from 13,799. Circ 150 units gas, gained 4± bbls mud, splashing over drlg nipple at times. Mud cutting from 16.1 to 15.7 ppg. Circ on chk w/40 psi CP w/some oil to sfc after one circ. Mud cutting to 15.3 ppg. SI well and incr mud wt to 16.2 ppg, SICP 90 psi, zero SIDP press. Circ on chk w/mud cutting from 16.2 to 16.0 ppg at report time, circ rate 107 GPM. Gas prior to last show: Background - 7-5 units; connection gas: 100-50 units; downtime gas: 140 units. APR 23 1973
Mud: (.842) 16.2 x 53 x 4.6 (10#/bbl LCM) (3% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,805/80/97/0. Circ and cond mud, losing 4% returns. Circ through chk 4 hrs. Checked for flow - none. Circ and cond mud 5¼ hrs, made 18-std short trip and waited in shoe 30 min. Circ and cond mud 8-3/4 hrs, losing 4% flow while circ @ reduced rate. Lost approx 150 bbls mud last 24 hrs. Trip gas: 120-145. Background gas: 11-12 units. At report time, prep to spot LCM pill.
Mud: (.847) 16.3 x 52 x 4.6 (10#/bbl LCM) (2% oil) APR 24 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,700' Wasatch Test
7" csg @ 12,201'

13,805/80/98/0. Tripping out for logs. Sptd LCM pill and let soak 1 hr. Built mud vol. Circ and cond mud 8¼ hrs, losing 6% flow at times. Sptd LCM pill and let set 2½ hrs. Circ and cond mud. Started tripping out slowly for logs. Lost approx 210 bbls mud past 24 hrs. Background gas: 8-10 units. Downtime gas: 200-210 units.
Mud: (.847) 16.3 x 52 x 2.4 (11.5#/bbl LCM) (1% oil)
APR 25 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
7" csg @ 12,201'

13,805/80/99/0. Tripping in hole. Ran logs as follows: DIL-SP, BHCS-GR and 2 full runs on CNL-FDC w/cal. RD loggers and started in hole w/BHA. No mud loss. APR 26 1973
Mud: (.847) 16.3 x 52 x 2.4 (11.5#/bbl LCM) (1% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14 300' Wasatch Test
7" csg @ 12,201'

13,805/80/100/0. Cond mud, sptg LCM pill. Tripped in hole breaking circ @ 6,000', 8,000' and 10,000'. Circ btms up @ 12,000'. Washed 60' to btm w/no fill. Circ and cond mud @ 13,805 4½ hrs for liner. Lost mud. Sptd LCM pill, built vol and WO pill. Circ w/partial returns and sptd 2nd pill on btm. Lost 150 bbls mud last 24 hrs. Background gas: 45 units. Trip gas: 350 units.
Mud: (.847) 16.3 x 53 x 3 (11#/bbl LCM) (1% oil)
APR 27 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801

4/28: 13,805/80/101/0. Going in hole w/liner. Mixed and sptd pill and circ and cond mud 5 hrs. Started running liner very slowly. Lost approx 75 bbls mud past 24 hrs. Downtime gas: 60 units. Background gas: 30 units.
Mud: (.847) 16.3 x 53 x 3.0 (11#/bbl LCM) (1% oil)
4/29: 13,805/80/102/0. Circ and cond contaminated mud. Finished tripping in w/liner to 12,016. Displaced 5 bbls short. Added surf vol and cond same - well flowed 10 bbls decr to 2 B/H. Finished in hole w/liner, tagging fill 34' off btm. Washed and circ to btm. Ran total of 44 jts 5½", 20#, SOO-95 Hydril, SFJ-P (1692') w/Burns plain type hanger. Hung liner 4' off btm @ 13,801. Cmtd w/470 cu ft Class "G" w/1.5% D-31, 18% Barite and 0.4% R-5. CIP @ 11:25 PM, 4/28. Lost circ when lacking 5 bbls displacement. Did not bump plug. Hole dropped 10' and remained stable. Circ and cond mud @ 10,300±. Max gas 900 units w/mud cutting to 14.7 w/btms up while cmtg.
Mud: (.847) 16.3 x 66 x 4.2 (14.5#/bbl LCM) (2% oil)
4/30: 13,805/80/103/0. Drilling cmt above liner. Circ and cond mud to 16.5 while WOC. Tripped in w/bit and scraper to 10,487, tagging top of cmt @ 10,754. Drld cmt to 10,923.
Mud: (.852) 16.4+ x 54 x 4.2 (9#/bbl LCM) (2% oil)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

13,805/80/104/0. Tripping for bit. Drld v. firm cmt from 10,923-11,299. Circ slug and started out for bit.
Mud: (.858) 16.5 x 50 x 5.2 (4#/bbl LCM) (1% oil)
MAY 1 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

13,805/80/105/0. Drilling cmt @ 11,705. Tripped in w/new bit and drld cmt from 11,299-11,705.
Mud: (.858) 16.5 x 49 x 5.4 (4.5#/bbl LCM) (1% oil)
MAY 2 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

13,805/80/106/0. Circ out cmt, prep to sqz liner lap. Drld cmt to top of liner @ 12,107. Attempted to test lap and 7" to 1500 psi - would hold approx 300 psi, pmpg in @ 450 psi. Circ out cmt and filled 7" x 9-5/8" annulus w/wtr. Started losing mud while circ @ 19 SPM, losing approx 30 bbls.
Mud: (.858) 16.5 x 52 x 7.2 (3.5#/bbl LCM) (1% oil)
MAY 3 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner at 13,801'

13,805/80/107/0 Testing BOP's. Made trip in hole w/RTTS and set at 11,880. Tested 7" csg to 1,000 psi. Broke down formation at rate of 2.5 B/M w/ 1250 psi. Sqzd liner top w/200 sx Class "G" Neat, .3% HR-7. Achieved 1500 psi, staged for 40 min. 42 bbl slurry, 38½ bbl in form.,.7 bbl in lap, 4 bbl above lap. Est top 11,980. MAY 4 1973
Mud: (.857) 16.5 x 52 x 7.2 (LCM 3.5%) (Oil 1%)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

5/5: 13,805/80/108/0. Pulling out of hole. Finished testing BOP's, OK. Tripped in, tagging cmt @ 11,958. Built mud vol, circ and cond and WOC. Drld soft cmt from 11,958-11,978 and firm cmt to top of liner 11,978-12,107. Circ btms up and tested liner lap to 1500 psi w/16.5 ppg mud, OK.
Mud: (.858) 16.5 x 51 x 6.8 (3#/bbl LCM)
5/6: 13,805/80/109/0. Drilling and washing cmt. Tripped out and laid down 4-3/4" DC. Picked up and ran 4-5/8" mill, 18- 3½" DC's and 57 jts 2-7/8" DP to top of liner. Drld cmt from 12,107-12,114. Washed and drlg to 12,208 - fell through. Tripped to 13,274 and started taking wt. Drld and washed cmt from 13,274-13,520.
Mud: (.858) 16.5 x 50 x 7.8 (3#/bbl LCM)
5/7: 13,805/80/110/0. PB 13,800. Drilling float shoe. Drld cmt to 13,618 and tested 5½" liner to 1000 psi, OK. Drld cmt, plug and FC from 13,682-13,799 and started drlg float shoe from 13,799-13,800. MAY 7 1973
Mud: (.852) 16.4+ x 49 x 8.4 (2.5#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

13,815/80/111/10. Drilling. Drld shoe and cmt to 13,805. Made 1' new hole w/mill to 13,806. Drld up jk and circ out. Laid down 45 jts 3½" DP, changed BHA and tripped in to 9500'±. Circ to clean btm. MAY 8 1973
Mud: (.858) 16.5+ x 50 x 6.4 (2.5#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

13,856/80/112/41. Losing circ. Lost circ after drlg 19 hrs. Sptd LCM pills and let soak. Regained full returns. Set down to drill and lost returns. Lost 75 bbls mud past 24 hrs. Background gas: 4 units. Connection gas: 6 units.
Mud: (.858) 16.5 x 55 x 7.8 (3#/bbl LCM) MAY 9 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

13,905/80/113/49. Drilling. Regained circ after 2-3/4 hrs. Lost no mud past 24 hrs. Background gas: 6-8 units. Connection gas: 10 units. Downtime gas: 22 units. MAY 10 1973
Mud: (.858) 16.5 x 51 x 7.2 (6#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

13,959/80/114/54. Drilling. No mud loss past 24 hrs.
Background gas: 4-5 units. Connection gas: 8 units.
Mud: (.858) 16.5 x 49 x 7.4 (6.5#/bbl LCM) MAY 11 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

5/12: 13,987/80/115/28. Drilling. Tripped for bit @ 13,972. Washed 80' to btm - no fill. No mud loss.
Background gas: 5 units. Connection gas: 8 units.
Trip gas: 125 units. Connection gas: 12 units.
Mud: (.858) 16.5 x 48 x 6.8 (6.5#/bbl LCM)
5/13: 14,078/80/116/91. Drilling. Show of 55 units gas @ 14,008. No mud loss. Background gas: 6-7 units.
Connection gas: 8-18 units.
Mud: (.852) 16.4+ x 48 x 6.0 (6.0#/bbl LCM)
5/14: 14,162/80/117/84. Drilling. Drlg break from 14,094-14,100 w/80 units gas. No mud loss. Background gas: 5-7 units. Connection gas: 8-18 units. MAY 14 1973
Mud: (.858) 16.5 x 48 x 5.8 (5#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

14,242/80/118/80. Drilling. No mud loss last 24 hrs.
Background gas: 6 units. Connection gas: 8-28 units.
Mud: (.858) 16.5 x 50 x 5.4 (5#/bbl LCM) MAY 15 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

14,300/80/119/58. Tripping out to log. Circ btms up 2½ hrs prior to trip. Background gas: 5 units.
Connection gas: 8 units. MAY 16 1973
Mud: (.852) 16.4+ x 52 x 4.6 (4.5#/bbl LCM)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

14,300/80/120/0. Circ and cond to log. Finished tripping out, making no SLC. Schl ran IES from 14,300 to 13,801. Attempted to run cal - both tools failed. Ran Sonic to 13,801. Attempted to rerun repaired cal - would not go below 13,806±.
RD Schl. Tripped in to cond hole, breaking circ @ 8000' and 13,800' - no obstructions. MAY 17 1973
Mud: (.852) 16.4+ x 52 x 3.8 (5#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner @ 13,801'

14,300/80/121/0. Logging. Circ 4-3/4 hrs prior to logging. RU Schl and ran cal log - would not go below 13,806±. Reran cal w/sinker bar, going to 14,255 - tool failed. Attempted to stick @ 14,255, 14,100, 13,945 and 13,800. Ran CNL w/o centralizers from 14,255 to 11,900 w/no problem. Now prep to run magnetic oriented CNL in csg.
MAY 16 1973
Mud: (.858) 16.5 x 48 x 3.6 (5#/bbl LCM)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner at 13,801.
3½" liner at 14,349

5/19: 14,335/80/122/0 Drilling. Ran logs as follows: I-ES, CNL and BHCS. RD Schl. Tripped in hole and broke circ at 9,000. Trip gas - 22 units, background 6 units, and connection gas - 8 units.
Mud: (gradient .857) 16.5 x 54 x 3.6 (LCM 4%) (Oil Trc)
5/20: 14,350/80/123/15 Going in hole w/3½" liner. Drld to 14,350. Circ btms up. Tripped out. Laid down 6 3½" DC's. Ran 21 jts 3½" 10.3# N-80 CS liner and Burns plain hgr w/hold downs (655' overall).
Mud: (gradient .857) 16.5 x 52 x 3.5 (LCM 4%) (Oil Trc)
5/21: 14,350/80/124/0 WOC. Finished going in hole w/3½" liner. Broke circ at 11,900' Circ btms up. 22 units trip gas. Set 655.57' 3½" liner at 14,349', top at 13,693, FC at 14,285. Cemented same w/65 sx Class "G", 35% silica flour, 22# hi-dense per sx, 1.5% CFR-2, .3% HR-4. Preceded by 5 bbl weighted flush, followed by 3 bbls flush and 96 bbls mud. Bumped plug 6 PM 5-20-73. (Exact correct displ) 100% returns. Displacement rate - 2-5 B/M. Cmt slurry wt - 17.2. Pulled out of hole wet 10 stds. Picked up mill and scraper and tripped in to 10,000±. Circ. WOC.
MAY 21 1973
Mud: (gradient .857) 16.5 x 52 x 3.5 (LCM 4%) (Oil Trc)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner at 13,801'
3½" liner at 14,349'

14,350/80/125/0 Drlg cmt at 13,427. Circ and cond mud. WOC. Tripped in slowly. Broke circ at 12,493 and 12,958. Tagged top of cement at 13,063. Drld cmt to 13,427. Cmt very firm from 13,360 to present depth. Released well logger 5-20-73.
MAY 22 1973
Mud: (.852) 16.4 x 53 x 3.0 (LCM 4) (Oil Trc)

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner at 13,801'
3½" liner at 14,349'

14,350/80/126/0 Drlg cmt out of liner at 13,570. Drld cmt to 13,558. Drld cmt out of liner at 13,580.
MAY 23 1973
Mud: 16.5 x 55

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner at 13,801'
3½" liner at 14,349'

14,350/80/127/0 Rigging up power swivel and pump truck. Tested liner lap, ok. Circ. Tripped out and picked up 1¼" DP. Tripped in hole w/2 9/16 mill. Tested liner lap to 1500 psi with 16.5 ppg mud for 20 min, held ok. MAY 24 1973
Mud: (.857) 16.5 x 48 x 3.0 (LCM 3.5) (Oil Trc)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,300' Wasatch Test
5½" liner at 13,801'
3½" liner at 14,349'

14,350/80/128/0 Drilling cement out of liner at 14,000'. Picked up power swivel. MAY 25 1973
Mud: (.857) 16.5 x 52 x 3.2 (LCM 3.0) (Oil Trc)

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Loffland #8
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

5/26: 14,350/80/129/0. Drilling cmt @ 14,175.
Mud: (.852) 16.4 x 53 x 3.4 (2#/bbl LCM)
5/27: 14,350/80/130/0. Circ btms up prior to testing liner.
Mud: (.858) 16.5 x 53 x 3.4 (2#/bbl LCM)
5/28: 14,350/80/131/0. Testing csg and liner and laying down DP. Circ 1½ hrs. Press tested csg @ 14,285, OK. Laid down 2-7/8" DP, 1¼" DP and 3½" DC's. Filled hole and made inflow and press tests @ 9456, OK. Prep to test csg @ 7080 at report time.
Mud: (.858) 16.5 x 53 x 3.4 (2#/bbl LCM)
5/29: 14,350/80/132/0. PB 14,285. Cleaning mud tanks. Finished testing 7" liner, OK. Tested to 4000 psi @ 4720 and 5000 psi @ 2350. Laid down 3½" DP. Installed test plug, nippled down BOP's, nippled up 5½" FBB hanger w/BPV, tbg spool and master valve and tested.
Mud: (.858) 16.5 x 53 x 3.4 (2#/bbl LCM) MAY 29 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350' PB 14,285. RDRT. Released rig @ 5 PM, 5/29/73. (RDUFA) MAY 30 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Western Oilwell
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. (RRD 5/30/73). Prep to MI Western Oilwell Service Company. JUN 6 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Western Oilwell
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. Prep to test BOP and start picking up tbg. MI&RU Western Oilwell Service Co. rig #17. Removed 5000# tree. Installed BOP. JUN 7 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Western Oilwell
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. Picking up tbg. Finished RU. Tested BOP to 5000 psi. Picked up 4-1/8" bit, 1590' of 2-7/8" tbg work string, 7" csg scraper and started picking up new tbg. JUN 8 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D) Western Oilwell
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285.
6/9: Pulling tbg. Finished picking up tbg. Ran bit to 13,683, top of 3½" liner, and circ our 16.5 ppg mud w/FW. Started pulling tbg.
6/10: Pulling tbg. Finished pulling tbg, laying down bit and scraper. Picked up 2-7/8" mill, 650' of 2-1/16" tbg tail and 5½" csg scraper. Ran bit to 14,285. Circ 16.5 ppg mud out of 3½" liner as follows: Pmpd 250 gal B-J mud sweep, 150 bbls FW followed by 150 gal B-J mud sweep and 400 bbls FW. Sptd 40 bbls 2% NaCl on btm. SI and checked for flowback. Press tested to 5000 psi, OK.
6/11: Picking up 5½" heat string. Pulled tbg, laying down bit, scraper, 2-1/16" tbg and 2-7/8" work string. RU OWP and ran PDC log from 14,285-11,000, CBL and VDL from 13,700-10,520 under 3000 psi press. Top of cmt @ 10,520. Did not run CBL log in 3½" liner - 1-11/16" logging tool malfunctioned. Set Baker Model "D" pkr w/flapper w/top @ 12,090. JUN 11 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D) Western Oilwell
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. Running prod eqmt. Picked up and ran 71 jts 5½", 14#, K-55 heat string w/Type I special turned-down cplgs w/tail @ 3032. Installed BPV, removed BOP, installed 10" 5000 x 6" 5000 psi tbg spool, installed and tested BOP to 5000 psi and removed BPV. Started running prod eqmt, testing to 7500 psi. JUN 12 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D)
14,350' Wasatch Test
5½" liner at 13,801'
3½" liner at 14,349'

TD 14,350. PB 14,285. RD completion rig. Ran prod equip as follows: Bkr "C" expendable plug holder w/ Model "B" pushup plug in place. Shop tested to 7500 psi, tail at 12,129, 30' x 2 7/8" N-80 10rd thrd nonperf prod tube, Bkr anchor tbg seal assembly w/two seal units, Bkr Model EL on-off connector w/Otis 2.313 in nipple w/ two 2.255 no-go, top at 12,084. All tbg and subs 2 7/8" EUE 8rd thd 6.4#. All Camco mandrels w/dummies KEMG, 6' sub w/7" centralizer, 3 jts tbg, 1 mandrel #4LHO5-7, top at 11,980, 25 jts tbg, 1 mandrel #12H05-8, top at 11,206, 19 jts tbg, 1 mandrel #10H05-17, top at 10,615, 29 jts tbg, 1 mandrel #8H0517, top at 9718, 24 jts tbg, 1 mandrel #8H04-30, top at 8981, 25 jts tbg, 1 mandrel #6H05-17, top at 8206, 39 jts tbg, 1 mandrel #6H04-30, top at 7002, 55 jts tbg, 1 mandrel #4H05-17, top at 5308, 78 jts tbg, 1 mandrel #2H05-17, top at 2902, 92 jts tbg, 3 - 8' subs, 1 - 6' sub, 1 jt tbg, spaced out and latched from on-off connector. Circ trtd water down csg. Spotted 2% salt water in tbg. Ran tbg w/ 4000# set-down. Installed 2 7/8" BPV. Removed BOP's. Installed 10,000# Xmas tree and tested to 10,500 psi, ok. Removed BPV. Released rig 7 PM 6-12-73. JUN 13 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D)
14,350' Wasatch Test
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. SI. Finished RD Western. RU Archer Reed. Knocked out Baker Model "B" expendable plug and chased to 14,285, PBTD. RD Archer Reed. (RDUFA) JUN 14 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. (RRD 6/14/73). Prep to AT. MI&RU OWP. Perf'd one hole each unidirectionally using magnetic decentralized 2" steel tube carrier gun w/JRC Sidewinder charges. Depths to 12,160 refer to CNL-FDC log run #1, depths below 12,224 refer to run #2 and depths below 13,821 refer to run #3. Perf'd as follows: Run #1: 12,158, 12,159, 12,160, 12,224, 12,225, 12,310, 12,311, 12,312, 12,463, 12,464, 12,494, 12,495, 12,496, 12,497, 12,498, 13,019, 13,020, 13,021, 13,022, 13,023, 13,024, 13,154, 13,155, 13,156, 13,157, 13,158. Gun malfunctioned. Press from 800 to 2800 psi. Run #2: 13,181, 13,182, 13,183, 13,199, 13,200, 13,201, 13,202, 13,215, 13,216, 13,217, 13,218, 13,219, 13,606, 13,607, 13,608, 13,821, 13,822, 13,868, 13,869, 13,963, 13,964, 13,965, 13,966, 14,009, 14,010, 14,020, 14,021, 14,022, 14,023, 14,101, 14,102, 14,103, 14,104, 14,105. Press from 1700 to 3150 psi. Did not perf holes @ 14,268 and 14,269 - could not get below 14,326. RD OWP.
AUG 22 1973

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. Prep to flow to pit. TP 4700 psi. AT gross perfs 12,158-14,105 w/20,000 gal 15% HCl. Each 1000 gal contained 3 gal G-10, 3 gal C-15, 3 gal J-22, 1# radioactive trtd sd, 30# OS-160 Wide Range Unibeads and 30# Button Unibeads. Flushed w/ 4746 gal FW w/each 1000 gal containing 165# NaCl and 3 gal G-10. Pmpd acid as follows: 35 bbls acid, dropped one 7/8" RCN ball sealer w/1.24 gr, pmpd 7 bbls acid. Repeated 1 ball sealer and 7 bbls acid 58 times. Pmpd 26 bbls acid and flushed w/113 bbls. Max press 9000 psi, avg press 7600 psi, min 6200 psi. Max rate 8 B/M, avg 7.4 B/M, min 4 B/M. ISIP 6000 psi, decr to 5125 psi in 5 min to 5000 psi in 10 min to 4950 psi in 15 min to 4900 psi in 20 min. Breaks up to 200 psi. Good ball and bead action. RD&MO B-J. RU OWP and ran GR log over perf'd interval. Log indicated all zns taking fluid. RD OWP.
AUG 23 1973
Correction to 8/22 report: Did not perf holes @ 14,268 and 14,269 - could not get below 14,236 (previously reported as 14,326).

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. Flowing. TP on 8/23 5250 psi. Flwd to pit 5 hrs on 64/64" chk w/TP from 800 to 700 psi. Flwd est 450 BO, 350 BW and 5 bbls mud (GOR 1000). Last hr, flwd 150 BO, 10 BW (GOR 1000) w/700 psi FTP. SI @ 2:30 PM. TP 1500 psi incr to 4000 psi in 20 min to 4200 psi in 25 min. Turned to tank battery. On 12-hr test, flwd 430 BO, 1/2 BW (GOR 1500) w/TP from 6000 psi to 5600 psi on 10/64" chk.
AUG 24 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. SI for BHP. On various tests, flwd as follows:

AUG 27 1973

Report

Date	Hrs	BO	BW	MCF Gas	Chk	FTP	CP
8/25	18	561	65	972	10/64"	5600	0
8/26	4	196	0	212	10/64"	5600	0
8/27	SI for BHP.						

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. SI for BHP. AUG 28 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. SI for BHP. AUG 29 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. SI for BHP. AUG 30 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. SI for BHP. AUG 31 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner at 13,801'
3½" liner at 14,349'

TD 14,350. PB 14,285. SI for BHP. SEP 4 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner at 13,801'
3½" liner at 14,349'

TD 14,350. PB 14,285. SI BHP. SEP 5 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner at 13,801'
3½" liner at 14,349'

TD 14,350. PB 14,285. SI for BHP. SEP 6 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner at 13,801'
3½" liner at 14,349'

TD 14,350. PB 14,285. SI for BHP. SEP 7 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner at 13,801'
3½" liner at 14,349'

TD 14,350. PB 14,285. Flowing. On various tests, well flowed as follows:

Date	Hr Test	BO	BW	MCF	CHK	FTP	CP
9-8	19	761	4	810	10/64"	5600	0
9-9	18	138	8	138	"	1500	750
9-10	12	309	0	418	8/64"	5600	0

SEP 10 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. Flowing. On 24-hr test, flwd 1400 BO, no wtr and 1148 MCF gas on 15-10/64" chk w/ 5200 psi FTP and zero CP. SEP 11 1973

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(D)
14,350' Wasatch Test
KB 6271'
5½" liner @ 13,801'
3½" liner @ 14,349'

TD 14,350. PB 14,285. OIL WELL COMPLETE. On 24-hr test, flwd 1464 BO, 4 BW and 1319 MCF gas on 12-42/64" chk w/4600 psi FTP and zero CP from Upper and Lower Wasatch Transition perfs 12,158, 12,159, 12,160, 12,224, 12,225, 12,310, 12,311, 12,312, 12,463, 12,464, 12,494, 12,495, 12,496, 12,497, 12,498, 13,019, 13,020, 13,021, 13,022, 13,023, 13,024, 13,154, 13,155, 13,156, 13,157, 13,158, 13,181, 13,182, 13,183, 13,199, 13,200, 13,201, 13,202, 13,215, 13,216, 13,217, 13,218, 13,219, 13,606, 13,607, 13,608, 13,821, 13,822, 13,868, 13,869, 13,963, 13,964, 13,965, 13,966, 14,009, 14,010, 14,020, 14,021, 14,022, 14,023, 14,101, 14,102, 14,103, 14,104, 14,105.

SEP 12 19[illegible]

Oil Gravity: 43.5° API @ 60°F.
Compl Test Date: 9/11/73. Initial Prod Date: 8/23/73.
Elev: 6250 GL, 6271 KB.
Log Tops:

TGR_3	10,360 (-4089)
UPPER WASATCH TRANSITION	11,790 (-5519)
LOWER WASATCH TRANSITION	13,360 (-7089)

This well was drilled for routine development.
FINAL REPORT SEP 12 19[illegible]

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Winkler 1-28A3

Job: 13 3/8 " O.D. Casing/~~Liner~~. Ran to 307 feet (KB) on 1-18, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From KB	To CHF
7	68#	K-55	ST&C			CHF	307'

7 jts Total

Casing Hardware:
Float shoe and collar type Shoe at 307, Bkr insert at 221
Centralizer type and product number
Centralizers installed on the following joints 2 centralizers spaced at 300 and 262
Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:
Caliper type . Caliper volume ft^3 + excess over caliper
ft^3 + float collar to shoe volume ft^3 + liner lap ft^3
+ cement above liner ft^3 = ft^3 (Total Volume).

Cement:
Preflush—Water bbls, other Volume bbls
First stage, type and additives 250 sx Class "G", 3% CaCl2
. Weight lbs/gal, yield
ft^3/sk, volume sx. Pumpability hours at °F.
Second stage, type and additives 200 sx Class "G"
. Weight lbs/gal, yield
ft^3/sk, volume sx. Pumpability hours at °F.

Cementing Procedure:
Rotate/reciprocate
Displacement rate
Percent returns during job
Bumped plug at 4:30 ~~AM~~PM with 800 psi. Bled back bbls. Hung csg with lbs on slips.

Remarks:
Full cement returns.

Drilling Foreman
Date

CASING AND CEMENTING

FIELD ALTAMONT WELL WINKLER 1-28A3 KB TO CHF 26'

Shoe jt started in hole 12:15 AM 2-9-73

Ran 168 jts 9 5/8" 40# ST&C casing to 7256'

JTS	WT	GRADE	ST&C	NEW	FEET	FROM	TO
						KB CHF	23.00
168	40#	K-55	X	X	7230.00	23.00	7253.00
	SHOE				2.75	7253.00	7255.75

168 jts Total

HOWCO Self Fill Collar (2.31') at 7165.00

HOWCO Self Fill Shoe (2.75') at 7255.75

No., Make and Type

3 Howco centralizers spaced 6' above shoe and at 7158 and 7112.

Cementing

Preceded cement with 20 bbls fresh water. Cemented w/550 cu ft at 12.4 ppg and tailed in w/300 cu ft at 15.9 ppg, first cement contained .75% D-31 and last cement contained 1% D-31 through shoe at 7256. Float collar at 7165. Good returns throughout cementing procedures. Plug down 4:55 PM 2-9-73. Held 5 min. Released. Bled back 1 3/4 bbls. Float held. 152 bbls slurry - 543 bbls flush at 6.5 B/M.

K. PAYNE
2-9-73

CASING AND CEMENTING

FIELD ALTAMONT WELL WINKLER 1-28A3 KB TO CHF 24.00

Shoe jt started in hole 8 AM 3-19-73

Ran 287 jts + 1 pc S-95 26 & 29# ST&C & LT&C 7" csg to 12,201'

JTS	WT	GRADE	ST&C LT&C	NEW	FEET	FROM	TO
1+pc	29#	S-95	ST&C	X	51.83	23.50	75.33
200	26#	S-95	LT&C	X	8,294.94	75.33	8,370.27
1	29#	S-95	LT&C x ST&C	X	46.23	8,370.27	8,416.50
82	29#	S-95	ST&C	X	3,652.94	8,416.50	12,069.44
	29#	P-110					
	FLOAT COLLAR		ST&C	X	1.98	12,069.44	12,071.42
3	29#	S-95	ST&C	X	127.58	12,071.42	12,199.00
	29#	P-110					
	FLOAT SHOE		ST&C	X	2.41	12,199.00	12,201.41

287 + 1 pc Total

Howco Float Collar at 12,069.44-12,071.42

Howco Float Shoe at 12,199.00-12,201.41

No., Make and Type

7 B & W centralizers spaced 5' from shoe at 12,194, spaced 85' from shoe at 12,114, spaced 214' from shoe at 11,985, spaced 343' from shoe at 11,856, spaced 479' from shoe at 11,720, spaced 617' from shoe at 11,582, spaced 752' from shoe at 11,447.

Cementing

Broke circ 11:30 PM w/200 psi. Reciprocated and circ 30 min. With 10 BW ahead, cemented through shoe at 12,201' w/114 bbls slurry and 500 cu ft BJ lite, .5% D-31 and retarder. Tailed in w/170 cu ft Class "G", 1% D-31 and retarder. Wt - 12.4-15.9#/gal. Mixing complete in 30 min. Press - Max 200. Displaced 1 bbl over calc 457 bbls. Did not bump plug. Displacement press 0, bldg to 450 psi when tail cmt started out. Static press 200 psi. Float held. No returns throughout job. CIP 2 AM 3-20-73. Lost approx 1200 bbls mud. Bled back 3/4 bbl.

Note: Lost returns while rng csg, cmtd csg w/no returns, then filled annulus before setting slips. Filled csg conventionally to avoid plugging csg w/LCM.

C. A. SIMAR
3-20-73

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Winkler 1-28A3

Job: 5½ " O.D. ~~Casing~~/Liner. Ran to 13,801 feet (KB) on 4-28, 197 3

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					21.50	KB	CHF
						CHF	
	HANGER		SFJP		2.00	12,107.00	12,109.00
41	20#	S00-95	SFJP		1,576.72	12,109.00	13,685.72
	20#	P-110					
	FLOAT COLLAR		SFJP		2.02	13,685.72	13,687.74
3	20#	S00-95	SFJP		111.20	13,687.74	13,798.94
	20#	P-110					
	FLOAT SHOE		SFJP		2.08	13,798.94	13,801.02

44 jts TOTAL

Casing Hardware:
Float shoe and collar type 5½ 20# P-110 SFJP Bkr Type "G"
Centralizer type and product number None
Centralizers installed on the following joints
Other equipment (liner hanger, D.V. collar, etc.) 5½ 20# x 7" 29# Burns plain type hgr

Cement Volume:
Caliper type BHC Sonic. Caliper volume 201 ft^3 - excess over caliper -31.15 ft^3 + float collar to shoe volume 14.19 ft^3 + liner lap 3.96 ft^3 + cement above liner 282 ft^3 = 470 ft^3 (Total Volume).

Cement:
Preflush—Water 0 bbls, other Volume bbls
First stage, type and additives 470 sx Class "G", 1.5% D-31, 18% Barite and .4% R-5
. Weight lbs/gal, yield
ft^3/sk, volume 390 sx. Pumpability 4 hours at 240 °F.
Second stage, type and additives
. Weight lbs/gal, yield
ft^3/sk, volume sx. Pumpability hours at °F.

Cementing Procedure:
Rotate/reciprocate
Displacement rate Mixed 3 B/M, disp to shoe 2-5 B/M, disp to lap 2.0 B/M, in lap 1.5, .75 last 10 bbls
Percent returns during job No returns for last 10 bbls, good ret until then
Did not Bump plug at 11:25 ~~AM~~/PM with 400 psi. Bled back 10 gal ~~BBK~~. Hung csg with lbs on slips.

Remarks:
Note probably the reason for amount of excess cmt was that FDC caliper was used to select the slurry volume and think it was incorrect as it calipered 7" 29# csg at 6.75"; should have been 6.125; Sonic Caliper calipered at 6.125. Plug was not bumped; DP wiper plug was sheared after 93 bbls should have been 88, 36 bbls was bumped after liner cap to FC was 35. - 1353' cut above liner.

Drilling Foreman C. A. SIMAR
Date 4-29-73

SHELL OIL CO.
RM-62 (Rev. 8-72)

CASING AND CEMENTING

Field Altamont Well Winkler 1-28A3

Job: 3½ " O.D. ~~Casing~~/Liner. Ran to 14,349 feet (KB) on 5-20, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					21.50	KB	CHF
	Burns Hanger 10.3	N-80	CS		7.55	13,693.43 CHF	13,700.98
19	10.3	N-80	CS		584.10	13,700.98	14,285.08
	Float Collar 10.3	N-80	CS		1.11	14,285.08	14,286.19
2	10.3	N-80	CS		61.53	14,286.19	14,347.72
	Shoe 10.3	N-80	CS		1.28	14,347.72	14,349.00

21 jts Total

Casing Hardware:
Float shoe and collar type 3½" 10.3# N-80 Halliburton "super seal"
Centralizer type and product number None
Centralizers installed on the following joints
Other equipment (liner hanger, D.V. collar, etc.) 3½" 10.3# hydril CS Burns plain type with holddown slips

Cement Volume:
Caliper type none. Caliper volume 30.75 ft³ + excess over caliper 0 ft³ + float collar to shoe volume 2.98 ft³ + liner lap 6.80 ft³ + cement above liner 59.5 ft³ = 100 ft³ (Total Volume).

Cement:
Preflush—Water 5 bbls, other Volume bbls
First stage, type and additives 65 sx Class "G", 35% silica flour, 22# hi-dense per sx, 1.5% CFR-2, .3% HR-4. Weight 17.2 lbs/gal, yield 1.56 ft³/sk, volume 65 sx. Pumpability 5.07 hours at 250 °F.
Second stage, type and additives . Weight lbs/gal, yield ft³/sk, volume sx. Pumpability hours at °F.

Cementing Procedure:
Rotate/reciprocate No
Displacement rate 2.5 B/M 1st 82 bbls, 1.5 B/M last 17 bbls
Percent returns during job 100% measured with trip tank
Bumped plug at 6 ~~AM~~/PM with 1500 psi. Bled back 1 bbls. Hung csg with 5,000 lbs on ~~slips~~ hgr.

Remarks:
Calculated displacement - 99.7 bbls, actual - 99 bbls.

Drilling Foreman C. A. SIMAR
Date 5-20-73

n OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL and 1664' FEL Section 28

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Winkler

9. WELL NO.: 1-28A3

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 Section 28-T1S-R3W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30191

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6271 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	~~SHOOTING OR~~ ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

As per attached report

cc: USGS - Salt Lake City, Utah w/attachment (for information)

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Division OPerations Engr. DATE 10/18/74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

LEASE	WINKLER	WELL NO.	1-28A3
DIVISION	WESTERN	ELEV	6271 KB
COUNTY	DUCHESNE	STATE	UTAH
LOCATION	NW/4 NE/4 SECTION 28-T1S-R3W		

UTAH

ALTAMONT

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(AT for scale removal)

"FR" TD 14,350. PB 14,285. ACID TREATMENT TO REMOVE SCALE COMPLETE. Lease expense provided funds to acdz well for removal of scale. On 10/16/74, BJ acdzd well w/2500 gal 15% HCl as follows: pmpd 2500 gal acid followed by 60 bbls cln fm wtr. SD 20 min. Pmpd add'l 55 bbls cln fm wtr at 1/2 B/M rate. Max inj press 4000 psi. SI 8 hrs and returned well to prod. On 24-hr test 10/15/74, prior to acid trtmt, flwd 384 BO, no wtr and 576 MCF gas through 13/64" chk w/1650 psi FTP from Wasatch 12,158-14,105. On 24-hr test 10/17/74, after acid trtmt, flwd 566 BO, 30 BW and 469 MCF gas through 22/64" chk w/750 psi FTP from Wasatch 12,158-14,105.
FINAL REPORT.

Form OGCC-1 b

K FI

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1664' FEL Section 28

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Winkler

9. WELL NO.: 1-28A3

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 Section 28-T1S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6271 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Perf, Stim, Gas Lift			[X]	(Other) Perf, Stim, Gas Lift			[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

DATE Jan 26, 1977

BY P. L. Driscoll

See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED K. P. Bantz TITLE Div. Opers. Engr. DATE JAN 24 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS - Utah, w/attachment

*See Instructions on Reverse Side

PERFORATE, STIMULATE & GAS LIFT — ALTAMONT

SHELL-TENNECO-ALTEX-BARBER OIL-DUNCAN
FROM: 10/20/76 - 1/20/77

LEASE WINKLER — WELL NO. 1-28A3
DIVISION WESTERN — ELEV 6271 KB
COUNTY DUCHESNE — STATE UTAH

UTAH
ALTAMONT

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

"FR" TD 14,350. PB 14,285. AFE #525437 provides funds to CO, perf & stim. MI&RU Western #17 10/18. 10/19 Installed & tested BOP's. Pmp'd 20 bbls hot prod wtr down tbg & 20 bbls down csg to clean up. Tbg & csg on vac. Unlatched from pkr & pulled tbg. Reinstalled & tested BOP's. Prep to pull 5-1/2 heat string. SI overnight.

OCT 20 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,285. RU csg crew & pulled 71 jts 5-1/2 heat string. RIH on 2-7/8 tbg w/7" pkr picker & latched into pkr. Milled on pkr w/o circ. Pmp'd into backside while mill'g; obtained circ just as pkr came free. Circ'd hole clean. SI overnight.

OCT 21 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,285. Prep to run tracer survey. POOH w/tbg, pkr picker & remains of pkr. RIH w/4-5/8 mill to top of 3-1/2 liner @ 13,700. POOH & SI overnight.

OCT 22 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,154. 10/22 Ran GR tracer. Filled hole w/prod wtr & est inj rate of 1.5 B/M @ 200 psi. Eject'd RA material. Tracer log indicated 80% of inj fluid was going into perfs below 3-1/2 liner top. POOH. RIH w/2-3/4 mill on 2-7/8 tbg. Hit fill @ 14,154. Milled 1.5 hrs & made 1'. 10/23 Milled 5 hrs; made 3'. POOH. (New PBTD 14,154) Prep to perf.

OCT 25 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. MI&RU OWP. Ran static temp log from 12,120-14,161 (PBTD). Perf'd as per prog w/2-1/16" hollow-carrier gun as follows: Run #1 - 14,032-034 (3 holes), 14,069-072 (4 holes), 14,076-080 (5 holes), 14,089-098 (10 holes), 14,110-113 (4 holes), 14,138-143 (6 holes). Run #2 - 13,983-993 (11 holes), 13,999-14,002 (4 holes), 14,012-014 (3 holes), 14,038-047 (10 holes), 14,057-064 (8 holes). Run #3 - 13,916-924 (9 holes), 13,932-935 (4 holes), 13,940-948 (9 holes), 13,951-954 (4 holes), 13,968-974 (7 holes). Run #4 - 13,760-764 (5 holes), 13,779-783 (5 holes), 13,831-834 (4 holes), 13,843-846 (4 holes), 13,885-891 (7 holes), 13,901-906 (6 holes). Run #5 - 13,648-656 (9 holes), 13,671-674 (4 holes), 13,690-692 (3 holes), 13,715-718 (4 holes), 13,721-723 (3 holes), 13,748-754 (7 holes). No press before & after perf'g. Perf'd total of 162 new holes. RIH w/Bkr ret pkr & +45 SN on 2-7/8 tbg. SI overnight.

OCT 26 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. Prep to run temp & RA logs. Pmp'd std'g valve to SN. Press tested tbg to 7500 psi, ok. Spt'd 8 bbls gelled wt'd 10% acetic acid to 12,500. Set pkr @ 13,500. Installed & tested tree to 10,000#, ok. Bullheaded acetic acid to top of perfs. RU BJ & AT perfs 13,614-14,225 (210 new holes & 22 old holes) w/625 bbls 7-1/2% HCl acid as per prog using 235 ball sealers, 1.5# 20-40 RA sd/1000 gals. Good ball & divert action thruout trtmt. Flushed w/100 bbls prod wtr foll'd w/35 bbls diesel. Held 3500# on annulus. Pmp'd 75 bbls down annulus during trtmt @ 1/2 B/M. Total load 725 bbls. Max press 9700 psi, avg 8900, min 4600. Max rate 10 B/M, avg 6, min 3. ISIP 6800 psi, 5 mins 5000, 10 mins 4700, 15 mins 3500. ISIP after diesel pmp'd 3800 psi.

OCT 27 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. Pull'g tbg. 16-hr SITP 400 psi. MI&RU OWP. RIH w/temp sonde; could not get below 4200'. Pmp'd 10 bbls prod wtr down tbg. Max press 1500 psi. Ran GR & temp logs. RD&MO OWP. SITP down to 200 psi. Opened well to pit & FTP to 0 in less than 1 min. Removed 10,000# tree & installed & tested BOP's. Removed BPV & SI well overnight.

OCT 28 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. Prep to acidize. MI&RU OWP & perf'd 213 holes as per prog w/2-1/16 carrier gun. FL @ 700' for 1st 4 runs, 600' on Run #5 & 550' on Run #6. POOH. Started RIH w/Bkr ret BP & pkr. SI overnight. OCT 29 19

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. 10/30 Well kick'g; circ'd gas out. Set BP @ 13,640 & pulled up 5' & set pkr. Tested BP & tbg to 7500 psi, ok. Released press & reset pkr @ 12,902. Tbg set on donut w/8000# set down wt. Installed & tested 10,000# tree. MI&RU BJ & AT 239 holes (213 new) w/625 bbls 7-1/2% HCl as follows: Pmp'd 25 bbls acid w/25 7/8 ball sealers. Pmp'd 100 bbls acid w/1 ball sealer every 4 bbls. Last 20 bbls of above mixed 250# Benzoic Acid Flakes, 250# OS-160 Button Unibeads & 30 ball sealers. Repeated above total of 5 times. Pmp'd 100 bbls acid w/1 ball sealer every 2 bbls. Flushed w/90 bbls prod wtr. Max press 8600 psi, min 5600, avg 7800. Max rate 14 B/M, min 5, avg 11. ISIP 5300 psi, 5 mins 4600, 10 mins 4300, 15 mins 3900. 10/31 14-hr SITP 1700. OWP ran GR & temp logs. Log indicated good trtmt. RD&MO OWP. SITP 2000. Opened well to pit & cleaned up on 32/64 chk. FTP drop'd to 650 & then came back up to 800 psi. SI well 1 hr. SITP 2200. Opened well to bty & flwd 671 BO, 161 BW w/917 MCF gas in 16.5 hrs on 20/64 chk w/500 psi FTP. 11/1 In 20 hrs, flwd 834 BO, 137 BW on 20/64" chk w/500 psi FTP. SI well. Released Western #17.

NOV 01 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. SI for BHPS. Installed BPV in tbg donut. Installed 5000# tree & installed flowline, etc. Backed well down w/diesel & RIH to obtain BHP.

NOV 02 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. SI for PS.

NOV 0 3 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. SI.

NOV 0 4 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. Pulled BHPB. Schl ran prod log. Returned well to prod.

NOV 0 5 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On various tests gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
11/5	24	404	23	468	1400
11/6	24	742	106	978	1400
11/7	24	650	166	763	1400

NOV 0 8 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, gas lifted 577 BO, 211 BW, 763 MCF gas w/1400 psi inj press.

NOV 0 9 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, gas lifted 529 BO, 224 BW, 763 MCF gas w/1400 psi inj press.

NOV 1 0 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, gas lifted 388 BO, 175 BW, 615 MCF gas w/1400 psi inj press.

NOV 1 1 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, gas lifted 400 BO, 196 BW, 635 MCF gas w/1400 psi inj press.

NOV 1 2 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

NOV 1 5 1976

TD 14,350. PB 14,161. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
11/12:	24	360	157	482	1400
11/13:	24	320	105	482	1400
11/14:	24	329	102	482	1400

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24 hr test well gas lifted 353 BO, 125 BW, 482 MCF Gas w/1400 inj. press.

NOV 1 6 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim

TD 14,350. PB 14,161. On 24 hr test well gas lifted 246 BO, 82 BW, 482 MCF Gas w/1400 inj press. NOV 17

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24 hr test well gas lifted 287 BO, 92 BW, 193 MCF Gas w/1400 inj press.

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 10-hr test, gas lifted 104 BO, 36 BW, 83 MCF gas w/1400 psi inj press.

NOV 19 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
11/19:	24	360	110	405	1400
11/20:	24	248	79	1165	1400
11/21:	24	225	271	231	1400

NOV 22 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, gas lifted 208 BO, 275 BW, 675 MCF gas w/1400 psi inj press.

NOV 23 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, gas lifted 485 BO, 420 BW, 1784 MCF gas w/1340 psi inj press.

NOV 24 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
11/24:	SI				
11/25:	24	286	66	424	150
11/26:	24	170	57	424	150
11/27:	24	182	48	521	100
11/28:	24	107	36	482	100

NOV 29 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. No report; computers down.

NOV 30 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 7-hr test 11/29, prod 0 BO, 10 BW, 30 MCF gas w/450 psi. 11/30 SI.

DEC 01 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 22-hr test, prod 302 BO, 76 BW, 753 MCF gas w/250 psi.

DEC 0 2 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 153 BO, 54 BW, 753 MCF gas w/150 psi.

DEC 0 3 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
12/3:	24	144	45	482	150
12/4:	24	115	33	281	150
12/5:	24	152	47	300	150

DEC 0 6 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 115 BO, 31 BW, 318 MCF gas w/100 psi.

DEC 0 7 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 127 BO, 29 BW, 328 MCF gas w/200 psi.

DEC 0 8 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 120 BO, 37 BW, 328 MCF gas w/200 psi.

DEC 0 9 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 107 BO, 13 BW, 366 MCF gas w/100 psi.

DEC 10 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
12/10:	24	147	48	289	100
12/11:	24	112	29	231	100
12/12:	24	113	36	231	100

DEC 13 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 108 BO, 34 BW, 578 MCF gas w/100 psi.

DEC 14 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 111 BO, 34 BW, 231 MCF gas w/100 psi.

DEC 15 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 118 BO, 32 BW, 248 MCF gas w/100 psi.

DEC 16 1976

Shell-Tenneco-Altex-Barber Oil-Dunca-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test prod 106 BO, 33 BW, 248 MCF gas w/100 psi. DEC 17 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
12/17:	24	114	14632	269	100
12/18:	24	110	13929	289	100
12/19:	24	107	14134	351	100

DEC 20 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 112 BO, 33 BW, 238 MCF gas w/100 psi.

DEC 21 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24-hr test, prod 103 BO, 32 BW, 278 MCF gas w/100 psi.

DEC 22 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On various tests well prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
12/22	24	95	18	28	100
12/23	24	124	34	83	100
12/24	24	31	32	96	100
12/25	24	100	11	154	100
12/26	24	113	32	212	100

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. On 24 hr. test well prod 90 BO, 32 BW, 193 MCF Gas w/100 psi. DEC 28 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf & Stim)

TD 14,350. PB 14,161. (Report discontinued until further activity.) DEC 29 1976

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf, Stim, Gas Lift)

TD 14,350. PB 14,161. (RRD 12/29/76) MI&RU CWS. Set BPV, remove tree & set BOP's. Released pkr & RIH w/tbg to top of BP @ 13,640. SD for night.

JAN 13 1977

Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3 (Perf, Stim, Gas Lift)

TD 14,350. PB 14,285. SIP 400#; bled off. Circ'd & washed over top of BP w/700 bbls prod wtr. POOH w/2-7/8 tbg, 5-1/2 pkr & Model C BP. RIH w/1000' 2-7/8 tbg & SI WH. SD for night.

JAN 14 1977

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(Perf, Stim, Gas Lift)

TD 14,350. PB 14,285. 1/13 SIP 0. Set Bkr Model D pkr w/flapper @ 11,690 & POOH. RIH w/6' prod tube, seal assembly, Axelson SN, 9 mandrels w/Otis valves & 378 jts tbg w/one 4' & one 8' sub. Stung into pkr & landed tbg w/4000# tension. Set prod tree. Started gas lift'g. 1/14 Opened to bty & being gas lifted. RD&MO rig 1/14/77.

JAN 17 1977

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(Perf, Stim, Gas Lift)

TD 14,350. PB 14,285. On 24-hr test, prod 103 BO, 309 BW, 302 MCF gas w/300 psi.

JAN 18 1977

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(Perf, Stim, Gas Lift)

TD 14,350. PB 14,285. On 24-hr test, gas lifted 92 BO, 319 BW, 840 MCF gas w/1250 psi inj press.

JAN 19 1977

Shell-Tenneco-Altex-
Barber Oil-Duncan-
Winkler 1-28A3
(Perf, Stim, Gas Lift)

TD 14,350. PB 14,285. On 24-hr test prior to work, well prod 20 BO, 30 BW & 100 MCF gas. On 24-hr test 1/18 after work, gas lifted 92 BO, 319 BW, 840 MCF gas w/1250 psi inj press.
FINAL REPORT

JAN 20 1977

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1664' FEL Section 28

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Winkler

9. WELL NO.: 1-28A3

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 Section 28-T1S-R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6271 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)			[ ]	(Other)			[ ]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 5-6-77

See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED L. Flanders TITLE Div. Opers. Engr. DATE 5/2/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah USGS w/attachment

*See Instructions on Reverse Side

ACID TREAT

SHELL-TENNECO-ALTEX-BARBER OIL-DUNCAN
FROM: 4/28/77

LEASE WINKLER
DIVISION WESTERN
COUNTY DUCHESNE

ALTAMONT
WELL NO. 1-28A3
ELEV 6271 KB
STATE UTAH

UTAH
ALTAMONT
Shell-Tenneco-Altex-Barber Oil-Duncan-Winkler 1-28A3
(AT)

"FR" TD 14,350. PB 14,285. Lse exp provides funds to AT w/5% HCl acid containing 20 gals L47 & 2 gals F40 per 1000 gals acid. MI&RU SOS 4/23. Ran Sstd'g valve & seating in SN @ 11,658. Press'd tbg to 2000# 5 mins; no bleed off. Pulled SV & Dowell pmp'd 10,000 gals 5% HCl acid. Rates varied betwn 5 to 6.5 B/M w/press betwn 400 to 1500 psi. Flushed w/250 bbls prod wtr. SI overnight. 4/24 SITP 50 psi. Opened well to bty & gas lifted well. Prod prior to work was 185 BO, 226 BW & 637 MCF gas per day. Prod after work averages 615 BO, 250 BW & 150 MCF gas per day. FINAL REPORT

APR 2 8 1977

APR 2 8 1977

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: P.O. Box 831 Houston, Tx 77001 ATTN: C.E. Tixier rm.# 1916

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1664' FEL SEC. 28

5. LEASE DESIGNATION AND SERIAL NO.: PATENTED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: WINKLER

9. WELL NO.: 1-28A3

10. FIELD AND POOL, OR WILDCAT: ALTAMONT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW¼ NE¼ T1S R3W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6271' KB

12. COUNTY OR PARISH: DUCHESNE

13. STATE: UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

SEE ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED C.E. Tixier TITLE Division Prod. Engineer DATE 1-30-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 347
ISSUED 12/29/80

WELL: WINKLER 1-28A3
LABEL: FIRST REPORT
AFE: 593447
FOREMAN: K.C. LAROSE
RIG: W.O.W. #22
OBJECTIVE: CLEAN OUT AND STIMULATE
AUTH. AMNT: 50000
DAILY COST: 3400
CUM COST: 3400
DATE: 11-3-80
ACTIVITY: 11-3-80 ACTIVITY: MIRU BLED BACK SIDE OFF KILLED WELL
02 11-3-80 ACTIVITY: INSTALLED BOPS UNLATCHED PACKER STARTED
03 STARTED OUT OF HOLE WITH TUBING AND PACKER LAYING
04 DOWN GAS LIFT MAND. INSTALLING PIPE SDON

LABEL: 801105
DAILY COST: 801105
CUM COST: 801105
DATE: 801105
ACTIVITY: 11-4-80 STATUS: RIG UP DELSCO-HOT OIL SERVICE
02 11-4-80 ACTIVITY: CUT WAX AND THEN PUMPED HOT
03 WATER DOWN TUBING TO CLEAN OUT AND KILL
04 WELL . FINISHED COMING OUT OF HOLE WITH TUBING
05 AND PACKER LAYING DOWN GAS LIFT MAND AND TALLYING
06 PIPE GOT OUT OF THE HOLE PICKED UP MILL
07 STARTED BACK IN HOLE WITH MILL AND TUBING TAG
08 7 IN. MODEL D PACKER AT 11690 GOT READY TO MILL
09 SHUT DOWN FOR THE NIGHT

LABEL: -----
DAILY COST: 5300
CUM COST: 12650
DATE: 11-5-80
ACTIVITY: 11-5-80 ACTIVITY: PUMPED WATER DOWN TUBING TO KILL
02 WELL - MILLED OUT MODEL D PACKER - TOOK 5 1/2
03 HRS. TO MILL OUT - PUMPED WATER WHILE MILLING -
04 P.O.O.H. WITH TBG. - MILL AND PACKER. PACKER
05 HANGING UP BAD FOR FIRST 30 STANDS. S.D.O.N.

LABEL: -----
DAILY COST: 7300

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 347
ISSUED 12/29/80

CUM COST: 19950
DATE: 11-6-80
ACTIVITY: 11-6-80 ACTIVITY: KILLED WELL. FINISHED PULLING
02 TBG. AND MILL AND FISHING TOOL WITH PACKER. R.I.H.
03 WITH TBG. AND 4 5/8 IN. MILL TO CLEAN OUT 5 1/2 IN.
04 LINER - PICKED UP 57 JOINTS OF 2 7/8 TBG. WENT
05 TO THE TOP OF THE 3 1/2 IN. LINER - SPOTTED 1500
06 GALS. OF 15 PERCENT WEIGHED ACID AND 80 BBLS. OF
07 FLUSH WATER AND STARTED OUT OF THE HOLE WITH TBG.
08 AND MILL - LAYING DOWN 51 JOINTS OF TBG. S.D.O.N.

LABEL: 801108
DAILY COST: 5300
CUM COST: 25250
DATE: 11-7-80
ACTIVITY: 11-7-80 STATUS: P.O.O.H. WITH 45/8 MILL AND TBG
02 11-7-80 ACTIVITY: PICKED UP 7 IN. FULL BORE PACKER
03 RIH LANDED PACKER PRESSURE CHECKED CASING OK GOT
04 WELL READY FOR TREATING 11-8-80 TOOK BOPS OFF
05 INSTALLED 10000# FRACK TREE . S.D.O.N.

LABEL: 801110
DAILY COST: 23707
CUM COST: 48957
DATE: 11-8-80
ACTIVITY: 11-8-80 STATUS: RIG UP WESTERN FOR ACID JOB
02 11-8-80 ACTIVITY: PUMP 15000 GALS. OF ACID AND
03 6000 GAL. FLUSH PUMPED 3000 GALS. OF ACID WHILE
04 DROPPING 1 BALL PER 75 GALS. ACID REPEATED FOUR
05 TIMES PUMP 1000 GALS. OF ACID WITH 1000# OF B.A.F.
06 REPEATED 3 TIMES PUMPED 6000 GAL FLUSH WATER ISOP
07 4500# 5 MIN 3400# 10 MIN 3000# 15 MIN 2600# RIG
08 WESTERN DOWN HOOK UP LINE TO THE PIT FLOWED WELL
09 TO THE PIT GOT 11/2 BBL. BACK PRESSURE DROP TO 0#
10 TOOK 10000# FRACK TREE OFF INSTALLED BOPS POOH
11 WITH TBG AND PACKER SHUT DOWN FOR THE NIGHT

LABEL: 801111
DAILY COST: 2800
CUM COST: 51757
DATE: 11-10-80
ACTIVITY: 11-10-80 STATUS: PUMPED WTR DOWN HOLE TO KILL WELL

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 347
ISSUED 12/29/80

02	11-10-80 ACTIVITY: CASING HAD 450# PUMPED WATER
03	DOWN TBG TO KILL THE WELL POOH WITH TBG AND 7 IN.
04	FULL BORE PACKER RIH WITH TBG AND 7 IN. GUBERSON
05	PACKER PICKING UP GAS LIFT HAND AND INSTALLING
06	WENT TO SET PACKER PACKER WOULD NOT SET POOH
07	WITH TBG AND PACKER
08	SHUT DOWN FOR THE NIGHT
LABEL:	801112
DAILY COST:	4200
CUM COST:	55957
DATE:	11-11-80
ACTIVITY:	11-11-80 STATUS: PUMPED WATER KILLED WELL
02	11-11-80 ACTIVITY: POOH WITH TBG AND GUBERSON
03	PACKER PICKED UP BAKER 7 IN. FULLBORE PACKER
04	AT 11656 FT. TOOK OFF BOPS INSTALLED 5000# TREE
05	PUT BACK ON PRODUCTION 64/64 TBG CHK AND 61/2
06	INJ. CHK. SHUT DOWN FOR THE NIGHT
07	(FINAL REPORT) MOVING RIG 11-12-80
LABEL:	801113
DAILY COST:	801113
CUM COST:	55957
DATE:	11-12-80
ACTIVITY:	11-12-80 ACTIVITY: OIL 0-WTR 0-MCF GAS 0- INJ 12
02	1150# CSG -CHK 40/64
03	INJ FROZE OFF OVER NIGHT
LABEL:	-----
DAILY COST:	NONE
CUM COST:	55957
DATE:	11-13-80
ACTIVITY:	11-13-80 ACTIVITY: OIL 105-WTR 11-MCF GAS 402
02	INJ 674-TBG CHK 40/64 TBG PRESS 200#-CSG PRESS
03	980#. PRODUCED 18 HRS. WAS DOWN 6 HRS.
04	DOWN-TIME DUE TO SAFTY-SHUT-IN SYSTEM
LABEL:	-----
CUM COST:	55957
DATE:	11-14-80
ACTIVITY:	11-14-80 STATUS: PRODUCING
02	11-14-80 IN 24 HRS. IT PRODUCED THE FOLLOWING.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 347
ISSUED 12/29/80

03 57 OIL- 99 WATER- 727 MCF GAS- 626 INJECTION.

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

RECEIVED
JUN 23 1981
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: P.O. Box 831 Houston, Tx 77001 ATTN: P.G. Geling Rm. # 6461 WCK

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1664' FEL Sec. 28

5. LEASE DESIGNATION AND SERIAL NO.: PATENTED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: WINKLER

9. WELL NO.: 1-28A3

10. FIELD AND POOL, OR WILDCAT: ALTAMONT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 T1S R3W

12. COUNTY OR PARISH: DUCHESNE

13. STATE: UTAH

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6271' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

SEE ATTACHED

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: _____
BY: _____

18. I hereby certify that the foregoing is true and correct

SIGNED D.A. Lambie D.A. LAMBIE TITLE STAFF PROD. ENGINEER DATE 6-24-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 346
ISSUED 04/16/81

WELL:	WINKLER 1-2B&3
LABEL:	FIRST REPORT
AFE:	571097
FOREMAN:	K.C. LAROSE
RIG:	W.O.W. #17
OBJECTIVE:	C.O. - PERFORATE AND STIMULATE
AUTH. AMNT:	96000
DAILY COST:	5100
CUM COST:	5100
DATE:	3-13-81 AND 3-14-81
ACTIVITY:	3-13-81 STATUS: FIRST REPORT - MIRU - KILLED WELL.
02	REMOVED 5000# PRODUCTION TREE - INSTALLED BOP AND
03	TESTED OK. RELEASED PACKER - STARTED OUT OF THE
04	HOLE WITH TUBING AND PACKER LAYING DOWN GAS
05	MANDRELS. S.D.F.N.
06	3-14-81 STATUS: PUMPED WATER KILLED WELL - FINISHED
07	COMING OUT OF THE HOLE WITH TUBING AND PACKER
08	LAYING DOWN GAS LIFT MANDRELS - RIH AND SET
09	RETRIEVABLE B.P. @ 11950 FT. - TEST TO 2500 OK.
10	P.O.O.H. GOT READY TO PERFORATE. S.D.F.N.
LABEL:	-----
DAILY COST:	17750
CUM COST:	22850
DATE:	3-16 AND 3-17-81
ACTIVITY:	3-16-81 STATUS: RIG UP OWP - RIH WITH A 4 INCH
02	CASING GUN - SHOT FORM 11894 TO 11767 AS PROG CALLED
03	FOR - 11 STOPS @ 3 SHOTS PER FOOT - 33 NEW HOLES.
04	P.O.O.H. - WHILE CHANGING GUNS PRESSURE WENT FROM
05	0# TO 2200# - RIH WITH 4 INCH CASING GUN - SHOT
06	FROM 11743 FT. TO 11604 AS PROG CALLED FOR - 11
07	STOPS @ 3 SHOTS PER FOOT - 33 NEW HOLES - PRSSURE
08	@ START 2200# @ END 2400#. P.O.O.H. PUT ON THE LAST
09	4 INCH GUN - OPENED UP BOPS GUN CAME LOOSE @ ROPE
10	SOCKET - GUN FELL DOWN HOLE ON TOP OF BRIDGE PLUG.
11	S.D.F.N.
12	3-17-81 STATUS: FISH 4 INCH CASING GUN.
LABEL:	-----
DAILY COST:	15150
CUM COST:	38000

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 346
ISSUED 04/16/81

DATE: 3-17-81
ACTIVITY: 3-17-81 STATUS: WELL HAD 2650# ON IT - BLED WELL
02 OFF TO OIL SAVER TANK - GOT 300 BBLS. OIL - 100
03 BBLS. WATER IN 2 1/2 HOURS. PRESSURE DROP TO
04 200#. RIG UP O+P FISHED 4 INCH CASING GUN - GOT
05 GUN OUT OF THE HOLE - PUT ON A 4 INCH GUN RIH .
06 SHOT FROM 11593 FT. TO 11348 FT. AS PROG CALLED -
07 3 SHOTS PER FOOT - 30 NEW HOLES - WELL HAD 2400#
08 @ START - 2550 @ FINISH - P.O.O.H. PUT ON A SAND
09 BAILER - SPOTTED TWO BAGS OF SAND ON TOP OF
10 R.B.P. - P.O.O.H. - PUT ON A MODEL D PACKER RIH
11 SET PACKER @ 11290 FT. WITH OWP. P.O.O.H. S.D.F.N.

LABEL: -----
DAILY COST: 3050
CUM COST: 41050
DATE: 3-18 AND 3-19-81
ACTIVITY: 3-18-81 STATUS: BLED WELL OFF - RUN TUBING IN THE
02 HOLE. CIRCULATED HOT WATER TO DISPLACE OIL OUT OF
03 THE CASING. STRUNG TUBING INTO MODEL D PACKER -
04 PRESSURE CAME UP TO 2000# - PUT ON DONUT - PUT ON
05 TIW VALVE - HUNG TUBING OFF WITH 12000# TENSION
06 ON TUBING. CLOSED TIW VALVE - TOOK BOPS OFF -
07 INSTALLED 5000# PRODUCTION TREE - HOOK UP FLOW
08 LINE - PUT WELL ON PRODUCTION. S.D.F.N.
09 3-19-81 STATUS: MOVING RIG.

LABEL: -----
DAILY COST: 2200
CUM COST: 43250
DATE: 3-19-81
ACTIVITY: 3-19-81 ACTIVITY: RIG THE RIG DOWN MOVED RIG TO
02 1-13B2 LEAVE AFE NO. OPEN STILL HAVE TO STIMULATE
03 AND RUN GAS LIFT MANDRELS IN HOLE
04 TEST RESULTS FOR 3-19-81 RECOVERED OIL 1481-WTR 27
05 MCF GAS 243-FTP 1400-CSG 400-CHOKE 64/64-INJ 0

LABEL: -----
DAILY COST: NONE
CUM COST: 41050
DATE: 3-20 AND 3-21 AND 3-22-81
ACTIVITY: 3-20-81 OIL-824 WATER-1 MCF-431 FTP-1000

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 346
ISSUED 04/16/81

02 CP=1000 INJ. GAS=0 CHOKE=20/64 24 HOURS.
03 3-21-81 OIL=623 WATER=1 MCF=410 FTP=900
04 CP=1000 INJ. GAS=0 CHOKE=20/64 24 HOURS.
05 3-22-81 OIL=476 WATER=0 MCF=410 FTP=800
06 CP=1000 INJ. GAS=0 CHOKE=20/64 24 HOURS.

LABEL: -----
DAILY COST: NONE
CUM COST: 41050
DATE: 3-23-81
ACTIVITY: 3-23-81 OIL=395 WATER=0 MCF=328 FTP=800
02 CP=1000 INJ. GAS=0 CHOKE=20/64 24 HOURS.

LABEL: 810327
DAILY COST: 30000
CUM COST: 73250
DATE: 3-26-81
ACTIVITY: 3-26-81 STATUS: KILLED WELL CHARGED OUT 5000 LBS. TREE
02 MIRU DOWELL FOR ACID JOB
03 MAX RATE 12 BBL MAX PRESS 8600 PSI
04 AVG RATE 11 BBL AVG PRESS 8200 PSI
05 MIN RATE 8 BBL MIN PRESS 7200 PSI
06 CSG PRESS 2500 LBS.
07 ISIP 4200 LBS. 5 MIN 3600 PSI
08 ACID 384 BBL 10 MIN 3350 PSI
09 FLUSH 105 BBL 15 MIN 3200 PSI
10 --
11 TOTAL FLUID 489 BBL 20 MIN 3100 PSI
12 RIG DOWN DOWELL RIG UP DWD TO RUN RA LOG RAN LOG
13 RIG DOWN DWD

LABEL: 810401
DAILY COST: 3400
CUM COST: 78850
DATE: 3-24-25-81 AND 3-30-31-81
ACTIVITY: 3-24-81 ACTIVITY: 24 HRS-OIL 230-WTR 0-MCF GAS 246
02 FTP 800-CHOKE 20/64
03 3-25-81 ACTIVITY: 24 HRS-OIL 112-WTR 0-MCF GAS 178
04 FTP 100-CHOKE 20/64
05 3-30-81 STATUS: PULL TBG AND RUN G.L. MANDRELS
06 3-30-81 ACTIVITY: MIRU PUMPED PROD WATER DOWN WELL
07 @ 2000 PSI 1/2 BBLS/MIN WELL WOULD NOT KILL

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 346
ISSUED 04/16/81

08	3-31-81 STATUS: PULL TBG AND RUN G.L. MANDRELS
09	3-31-81 ACTIVITY: PUMPED 300 BBLS PROD WATER WITH
10	PUMP TRUCK WELL FLOWED PUMPED 160 BBLS 10 LBS BRINE
11	WATER SHUT WELL IN OVER NIGHT
LABEL:	-----
DAILY COST:	2000
CUM COST:	80850
DATE:	3-31-81
ACTIVITY:	3-31-81 STATUS: RUN GL MANDREL
02	3-31-81 ACTIVITY: WELL SET WITH 160 BBLS. OF 10#
03	BRINE WATER ON IT. 750 PSI TUBING PRESS.. FLOW
04	WELL TO MUD TANK 90 OIL AND WATER IN 4 HOURS. RDMO

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 352
ISSUED 05/26/81

WELL: WINKLER 1-28A3
LABEL: FIRST REPORT
AFE: 511497
FOREMAN: KENT PUST
RIG: WOW # 20
OBJECTIVE: CO - PERFORATE AND STIMULATE
AUTH. AMNT: 66000
DAILY COST: 2450
CUM COST: 86400
DATE: 5-1 AND 5-2-81
ACTIVITY: 5-1-81 ACTIVITY: MIRU. PUMP 50 BBL. OF WATER DOWN
02 WELL. KILLED WELL. REMOVE WELLHEAD AND INSTALL
03 BOP. START OUT OF HOLE WITH TUBING. SDON
04 5-2-81 STATUS: RUN GAS LIFT MANDRELS.
05 5-2-81 ACTIVITY: FINISH PULLING TUBING. RIH WITH
06 GAS LIFT MANDRELS AND TUBING. REMOVE BOP AND PUT
07 ON TREE. HOOK UP WELLHEAD. RIG DOWN. SDON
08 FINAL REPORT.

LABEL: -----
DAILY COST: NONE
CUM COST: 86400
DATE: 5-5 AND 5-6-81
ACTIVITY: 5-5-81 OIL-333 WATER-200 MCF-455 FTP-150
02 CP-1190 INJ. GAS-241 CHOKE-50/64 24 HOURS.
03 5-6-81 OIL-511 WATER-24 MCF-1116 FTP-200
04 CP-1020 INJ. GAS-644 CHOKE-45/64 24 HOURS.

LABEL: FINAL REPORT
DAILY COST: FINAL REPORT
CUM COST: 86400
DATE: 5-6-7-8-9-10-11-12-81
ACTIVITY:

DATE	HRS	OIL	WTR	MCF-GAS	CHK	FTP/CP	INJ GAS
5-6-81	24	333	200	455	50/64	150/1190	241
5-7-81	24	511	24	1116	45/64	200/1020	644
5-8-81	24	465	5	1174	45/64	225/1025	928
5-9-81	24	370	0	1280	45/64	300/1025	1103
5-10-81	24	285	1	1003	45/64	220/1025	924
5-11-81	24	297	0	1139	45/64	200/1025	789
5-12-81	24	251	2	926	45/64	200/980	754

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: PATENTED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: SHELL OIL COMPANY

8. FARM OR LEASE NAME: WINKLER

3. ADDRESS OF OPERATOR: PO BOX 831 HOUSTON TX 77001 ATTN: C.O. COLLINS WCK 6467

9. WELL NO.: 1-28A3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL + 1664' FEL SEC. 28

10. FIELD AND POOL, OR WILDCAT: ALTAMONT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NW/4 NE/4 T1S R3W

14. PERMIT NO.:

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13. STATE: UTAH

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FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[X]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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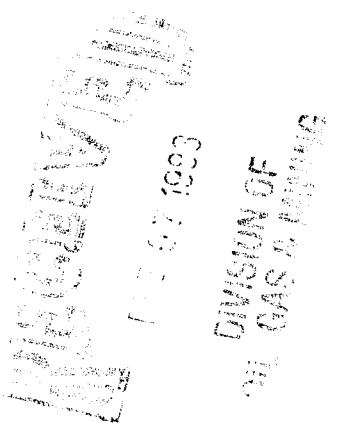
SEE ATTACHED



18. I hereby certify that the foregoing is true and correct

SIGNED J.W. Adams TITLE DIV. PROD. ENG. DATE 2/3/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
WINKLER 1-28A3
SECTION 28, T1S, R3W
ALTAMONT FIELD, UTAH

Pertinent Data: Shell's Share: 77.67607%

Elevation: (KB):	6271'
Elevation: (GL):	6250'
TD:	14,350'
PBTD:	14,154'
Casing:	13-3/8", 68#, K-55 to 308'; 9-5/8", 40#, K-55 to 7256'; 7", 26# and 29#, S-95 to 12,201'
Liners:	5-1/2", 20#, S-95, from 12,107'-13,801'; 3-1/2", 10.3#, N-80 from 13,693'-14,349'
Tubing:	2-7/8", 6.5#, N-80, EUE, to 11,290
Packer:	7" Baker Model D at 11,290'
Bridge Plug:	RBP at 11,950'. Fill to 11,876'
Perforations:	11,348'-14,143' (531 holes)
Artificial Lift:	Gas lift with mandrels spaced as shown in Attachment II.

Objective: CO and stimulate the Wasatch and Basal Green River. Comingle production. Convert to beam pump.

Current Status: 11 BOPD + 78 BWPD + 76.6 MCFPD with 500.7 MCFPD injection gas.

Procedure:

1. MIRU. Load hole with clean produced water containing 5 gallons/100 bbl. Tretolite Xcide 102 Biocide. Remove tree. Install and test BOPE. See Attachment I for Engineering recommendation of BOPE type.

2. Pull tubing and lay down GL mandrels. Retire GL mandrels.

3. RIH, mill and pluck 7" Model D packer at 11,290'.

4. RIH and latch into retrievable bridge plug at 11,950. POOH. (Note: Fill to 11,876± on top of BP.)

5. CO 5-1/2" and 3-1/2" liners to 14,154'± (PBTD). Take two samples of scale from interval 11,348'-14,154' only if samples can be retrieved while reverse circulating. Send samples to I. Yung, 6588 WCK. If heavy scale is encountered, contact Engineering.

6. RIH with tubing and 7" fullbore packer and set packer at 11,250'±.

7. Acid treat perfs 11,348'-14,143' (531 holes) with 40,000 gallons of 7-1/2% HCl as follows:

a. Pump 1000 gallons 7-1/2% HCl.

b. Pump 4000 gallons acid, dropping one ball sealer (NBS-431 or equivalent; 7/8" RCN with 1.3 S.G.) every 75 gallons.

c. Pump 1000 gallons acid containing 1000# benzoic acid flakes, NDA-143 or equivalent.

d. Repeat step (b) seven more times and step (c) six more times for a total of eight stages acid and seven of diverting material (total 40,000 gallons acid, 425 ball sealers, 7000# benzoic acid flakes).

e. Flush with 150 bbls of clean produced water containing 5 gallons/100 bbl. Tretolite Xcide 102 Biocide.

NOTES:

(1) All acid and flush to contain five lb. NFR-44/1000 gallons HCl or equivalent for ±60% friction reduction.

(2) All acid to contain three gallons NAI-167/1000 gallons HCl or equivalent for four hours exposure at 210°F and the necessary surfactant NNE-257N or equivalent (tested for compatibility with formation fluids) and four gallons Nalco Visco 4987/1000 gallons HCl or equivalent.

(3) Maintain 2500 psi surface casing pressure during treatment if possible.

(4) Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.

(5) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.

(6) Record ISIP and shut-in pressure decline for at least 20 minutes.

8. a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 9.

b. If well does not flow, continue with Step 9.

9. POOH with tubing and packer.

10. Install beam pump equipment as outline in Attachment V.

11. Return well to production.

12. Report well tests on morning report until well stabilizes.

Requested by: _____
B. D. Carnahan

Approved by: _____

Date: 7-6-3 1983

SAM OIL INC.
P.O. Box 1030 Roosevelt, Utah 84066
Steven A. Malnar

Office
ZIONS BANK BUILDING
SUITE 3
ROOSEVELT, UTAH
Phone (801) 722-3344

February 15, 1983

Land Department
Shell Oil Company
P O Box 831
Houston Texas 77001

Re: Shell Winkler 1-28-A3

Gentlemen:

I am writing about my request to receive an accounting on the above referenced well. The State of Utah owns 2.41 net acres in this Section which had never been leased until SLA #272 was approved for Sam Oil Company. Sam Oil would like to join this well, but I need the accounting to date.

Please be advised the State of Utah is concerned that this well was drilled without their interest being leased. They have assured me that if I cannot work something out with the operators, we would have to go before the Oil and Gas Commission to resolve this issue. Therefore, I have been advised to demand an accounting on this well within 30 days of the above date. If you have any questions, please feel free to give me a call.

Sincerely,

Steven A. Malnar

Steven A. Malnar

SAM/kf
cc: State Oil and Gas Division
Certified # P 393 358 543

February 18, 1983

Shell Oil Company
Land Department
P.O. Box 831
Houston, TX
77001

FILE

Gentlemen:

RE: Shell Winkler 1-28-A-3 Well, Section 28, T1S, R3W, USM., Duchesne County, Utah

This office has received a copy of a letter dated February 15, 1983, from Sam Oil, Inc., Roosevelt, Utah, to your office concerning ownership of certain lands in the communitization agreement which covers production from the Shell Winkler 1-28-A-3 Well. In your letter, Mr. Steven A. Malnar of Sam Oil Company has made demand upon your company for an accounting of production from this well since the first date of production. It appears Mr. Malnar is claiming that he has an interest in this production based on an application for Oil, Gas, and Hydrocarbon Lease SLA 572, shown as SLA 272, which has been filed with this office and which will be approved within the next couple of weeks. This application covers 2.41 acres of highway right of way in the SW¼SW¼ of said Section 28. As you are aware, when the State of Utah approved the communitization agreement for said Section 28 on February 9, 1973, the only State land shown on that agreement is the highway right of way in the SE¼SW¼. The SW¼SW¼ is shown as Tract V and the ownership is shown as the Bluebell Corporation of the Church of Jesus Christ of Latter-Day Saints who had leased this land to Chevron Oil Company by a lease dated September 26, 1967, and there is no mention made of the ownership of the highway right of way through this tract of land. When Mr. Malnar filed his application with this office, he furnished us with a deed from the Bluebell Corporation of the Church of Jesus Christ of Latter-Day Saints for the 2.41 acres in the highway right of way to the Utah Department of Transportation dated August 25, 1959. This deed does not contain any reservations of any minerals to the Grantor so it would appear that minerals under the highway right of way were conveyed from the Bluebell Corporation of the Church of Jesus Christ of Latter-Day Saints to the State of Utah, Department of Transportation, and are subject to lease by the State of Utah and this is the basis for Mr. Malnar's application.

We have discussed Mr. Malnar's claim to all proceeds which would be allocated to this tract of land from the date of first production to the present time with the Utah Attorney General's Office and have been advised that Mr. Malnar has no claim of any proceeds prior to our approval of his lease application, but that the State of Utah has a claim on all proceeds which would be allocated to this 2.41 acre tract from the first day of production to the present time and you are hereby advised that you should submit a detailed accounting of the production allocation to this tract, the price received for such production, and the monies due the State of Utah for this production. This does not mean just the basic 12½ percent land owners royalty, but all proceeds allocated to this tract. You should also undertake to amend the communitization plan covering Section 28, T1S, R3W, USM., to indicate the ownership of this particular tract.

If you have any questions concerning this matter, please let us know.

Yours very truly,

DONALD G. PRINCE
ASSISTANT DIRECTOR

DGP/bp

CC: Anne Stirba
Attorney General's Office

Sam Oil, Inc.
P.O. Box 1030
Roosevelt, UT 84066

✔Division of Oil, Gas, and Mining

SAM OIL INC.
P.O. Box 1030 Roosevelt, Utah 84066
Steven A. Malnar

Office
ZIONS BANK BUILDING
SUITE 3
ROOSEVELT, UTAH
Phone (801) 722-3344

February 19, 1983

Jill will file

RECEIVED
FEB 22 1983
DIVISION OF
OIL, GAS & MINING

Donald G. Prince
State of Utah State Lands Div.
3100 State Office Bldg.
Salt Lake City, Utah 84114

Dear Mr. Prince

I received a copy of your letter dated February 18, 1983 to Shell Oil on the Winkler Shell 1-28-A-3.
In your letter you state that Sam Oil Inc. would have no claim on any proceeds prior to your approval of Sam's lease application # 272. ~~2~~ 572 I would like to remind you of our conversation in your office on November 23, 1982. While there I ask to see your maps of the Altamont area. During our visit I asked you the following question, " If I found a tract of mineral rights owned by the State Hiway Department that was under a producing well, would the lease when approved be effective from first production." Your answer was yes. When my partner and I left your office you assured me that all state leases are effective from first production. We then left your office and filed my application on the 23 November 1982. I also filed an additional application #SLA ~~274~~ 574, which also has a producing well on this 6.16 acre tract under Gulf 1-634, Section 6 T3S R4W USM Duchesne County Utah.

It is my position that my lease for SAM OIL INC. #272 ~~2~~ 572 and #274 ~~2~~ 574 be effective from first production and hope your department will make the effective date from the first barrell of oil.
In light of the above issue, I would like to know the following:

1. Does the State of Utah have a working interest in any oil and gas well in the State. If the State does not, then why are you trying to do so now.???
2. Has the State of Utah issused any lease after a well has been drilled and then received royalty payments from 1st production? If your answer to this question is no, what will happen if I can prove the State has indeed received payments from first production on a after the fact lease was issued ??
3. If the State Of Utah is the owner of 20 mineral acres, unleased, under a producing well, with a total drilling cost of $2,400,000.00, would the State join in paying their cost allotted to their share of the section, or will the State become a non-consenting owner, if they do not pay their share of drilling as out lined in Title 40-6, Utah Code Annotated 1953. If an applicant's lease is not from 1st production it would be to his advantage to wait until the well has paid out

before applying. If the State didn't pay their share of cost would they have the standard penalty as outlined in Title 40-6 Utah Code Annotated 1953.

I feel the State of Utah should stay out of the oil and gas exploration business I'm sure the Utah Tax Payer's would not be happy if they found out the State of Utah was dealing in oil and gas exploration. If an applicant finds a unleased tract of land, like the 2.41 tract under a producing well he should be intitled to the proceeds after paying the State their standard royalty from 1st production. My Application # SLA 272 (winkler) has paid out however my SLA #274 has not. My question will be, what part will be applied towards the well cost, will the STate receive a basic land owners royalty until the lease is approved, with 7/8 of production being applied to the drilling cost. These are only a few of the questions that I have.

I hope your department will take a serious look at all possibilities before you make your effective date on Sam's SLA #272 and 274. 2574

If you have any questions on the above please give me a call, I plan to be in SLC sometime this week .

Sincerely

Steven A. Malnar

Steven A Malnar
President SAM OIL INC.

cc.
Jack Feight
Anne Striba
Steven Ward
Raymond Malnar
Shell Oil
Stephen V Malnar

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company ATTN: C. A. Miller 6494 WCK.

3. ADDRESS OF OPERATOR: P. O. Box 831 Houston, Tx. 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL & 1664' FEL Sec. 28

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Winkler

9. WELL NO.: 1-28A3

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 28 T1S R3W NW/4 NE/4

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6271'

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[XX]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

COMPLETED OPERATIONS
(8/24-10/3/83)

Spotted 1000 gallons 15% HCL in 3-1/2" liner. Cleaned out to 13,808'. Acid treated perfs (11,348'-13,808') with 40,000 gallons 15% HCL. Returned well to production.

RECEIVED
OCT 10 1983
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED C A Miller TITLE Div. Oper. Engr. DATE 10/6/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE:	'TAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	FIRST REPORT
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	1963
CUM. COST:	1963
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	8-24-83
PRESENT STATUS:	POOH
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	MIRU BLED GAS TO TREATER PUMP 60
02	BBLS WTR DOWN TBG REMOVE WH INSTALL BOPS RU
03	FLOOR REMOVE TBG HANGER POOH W/ 20 STDS SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3492
CUM. COST:	5455
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	8-25-83
PRESENT STATUS:	DRILL PKR
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG FIN POOH
02	W/ TBG GAS LIFT MANDRELS AND SEAL ASSEMBLY P/U 7 IN
03	PKR PLUCKER RIH W/ 368 JTS TBG TAG PKR P/U POWER
04	SWIVEL AND STRIPPING HEAD PUMP DOWN CSG FOR
05	45 MIN START DRILLING OUT PKR DRILL FOR 1 HR PULL
06	UP HOLE 1 JT SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	5402
CUM. COST:	10857
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	8-26 AND 8-27-83
PRESENT STATUS:	PULL PKR
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	8-26-83 BLED OFF WELL HOOK UP POWER SWIVEL PUMP
02	DOWN CSG FOR 30 MIN START DRILLING ON PKR DRILL
03	FOR 7 HRS PKR CAME LOOSE LAY DOWN SWIVEL POOH
04	LEAVE 3000 FT TBG IN HOLE SDON
05	8-27-83 BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG FIN
06	POOH W/ PKR PLUCKER DID NOT HAVE PKR RIH W/ 3 1/4 IN
07	GRAPPLE ON PKR PLUCKER STING INTO PKR AT 11290 FT
08	COULD NOT LATCH ONTO PKR TRIED FOR 1 HR POOH PUT
09	ON 3 1/2 IN GRAPPLE ON PKR PLUCKER RIH LEAVE 5000
10	FT OUT OF HOLE SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3538
CUM. COST:	14395
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	8-29-83
PRESENT STATUS:	FISH PKR
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	BLED WELL OFF PUMP 20 BBLS WTR DOWN TBG RIH W/ PKR
02	PLUCKER TAG AT 11290 FT TRY TO LATCH INTO PKR
03	KNOCKED PKR DOWN HOLE POOH DID NOT HAVE PKR LAY
04	DOWN PLUCKER P/U SPEAR AND 3 1/4 IN GRAPPLE RIH
05	TAG PKR AT 11947 FT P/U POWER SWIVEL PUMP DOWN
06	TBG FOR 30 MIN TRY TO LATCH INTO PKR FOR 1 HR
07	DID GET A BITE L/D SWIVEL AND 2 STDS SDON

STATE:	L H
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2938
CUM. COST:	17333
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	8-30-83
PRESENT STATUS:	FISHING PKR
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	BLED WELL RIH W/ 2 STDS TBG P/U POWER SWIVEL AND
02	TRY TO LATCH INTO PKR WOULD NOT LATCH L/D POWER
03	SWIVEL POOH W/ TBG LEFT SPEAR AND TOP SUB IN HOLE
04	RIH W/ 6 IN OVERSHOT W/ 3 3/4 IN GRAPPLE BUMPER
05	SUB AND 389 JTS TBG TAG AT 11940 FT P/U POWER
06	SWIVEL LATCH INTO SPEAR L/D POWER SWIVEL POOH W/
07	10 STDS TBG SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2681
CUM. COST:	20014
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	8-31-83
PRESENT STATUS:	FISHING
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG POOH W/
02	OVERSHOT AND SPEAR LEFT GRAPPLE IN HOLE RIH W/ 3 IN
03	TO 4 5/8 IN TAPER TAP BUMPER SUB AND 389 JTS TBG
04	TAG FISH AT 11940 FT TRIED TO SCREW INTO PKR FOR
05	1 HR POOH WITH 2000 FT STILL IN HOLE SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2563
CUM. COST:	22577
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-1-83
PRESENT STATUS:	MILL
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG FIN POOH
02	RIH W/ 4 5/8 IN OVERSHOT W/ 2 3/8 IN GRAPPLE
03	BUMPER SUB AND 389 JTS TBG LATCH ONTO
04	RET BP PLUG WENT DOWN THE HOLE JAR UP ON RBP CAME
05	LOOSE POOH LAY DOWN RBP AND REMAINS OF PKR M/U
06	4 5/8 IN MILL AND CLEAN OUT TOOL SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3538
CUM. COST:	26115
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-2-83
PRESENT STATUS:	MILL STUCK
LATEST TEST:	DAILY AVE JULY OIL 8 WTR 31
ACTIVITY:	BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG FIN RIH
02	W/ CO TOOL AND MILL TAG AT 12120 FT P/U POWER SWIVEL
03	DRILL FOR 10 MIN WORK UP AND DOWN THROUGH LINER
04	8 TIMES TAG AGAIN AT 13640 FT MILL FOR 1 HR
05	STUCK MILL COULD NOT WORK LOOSE TRY TO BREAK
06	SAFETY JT UNSCREWED TBG TWICE FINALLY BROKE
07	SAFETY JT POOH 30 STDS SDON FOR 3 DAY WEEKEND

STATE: UTA
FIELD: ALTAMONT

WELL: WINKLER 1-28A3

LABEL: -----
WO NO.: 584327
FOREMAN: B.J. THOMPSON
RIG: WOW 19
AUTH. AMNT: 128000
DAILY COST: 5315
CUM. COST: 31430
TYPE OF JOB: C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE: WASATCH AND BASAL GREEN RIVER

DATE(S): 9-6-83
PRESENT STATUS: FISH MILL
LATEST TEST: DAILY AVE JULY OIL 8 WTR 31
ACTIVITY: BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG FIN POOH
02 W/ TBG BOT 4 JTS PLUGGED W/ PARAFFIN AND SCALE
03 SAFETY JT PLUGGED W/ IRON P/U 4 5/8 IN OD OVERSHOT
04 W/ 3 21/32 IN GRAPPLE BUMPER SUB HYD JARS 4 3 1/8 IN
05 DRILL COLLARS AND ACCELERATOR RIH TAGGED AT
06 13660 FT LATCH ONTO MILL SET JARS OFF
07 4 TIMES MILL CAME LOOSE PULL 5 STANDS SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: WINKLER 1-28A3

LABEL: -----
WO NO.: 584327
FOREMAN: B.J. THOMPSON
RIG: WOW 19
AUTH. AMNT: 128000
DAILY COST: 4963
CUM. COST: 36393
TYPE OF JOB: C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE: WASATCH AND BASAL GREEN RIVER

DATE(S): 9-7-83
PRESENT STATUS: RUN 4 5/8 IN MILL

ACTIVITY: BLED WELL PUMP 20 BBLS DOWN TBG POOH W/ MILL
TBG SWABBING HOLE OUT OF CSG PUMP 50 BBLS WTR
DOWN CSG LAY DOWN DRILL COLLARS AND MILL P/U
4 5/8 IN MILL AND CLEAN OUT TOOL RIH
P/U POWER SWIVEL STAYED 60 FT ABOVE LINER TOP SDON

R;

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	1963
CUM. COST:	38356
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-8-83
PRESENT STATUS:	RUN IMPRESSION BLOCK
ACTIVITY:	BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG P/U SWIVEL START DRILLING AT 13660 FT DRILL 2 HRS MADE 2 FT POOH WHILE PUMPING 50 BBLS WTR DOWN CSG LAY DOWN C/O TOOL AND MILL RIH W/ 20 STDS TBG R/U DELSCO RIH W/ 1 1/2 IN IMPRESSION BLOCK TRY TO GET INTO 3 1/2 IN LINER COULDNT POOH IMPRESSION BLOCK MUSHROOMED SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	6577 3500
CUM. COST:	44933 48433
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-9 AND 9-10-83
PRESENT STATUS:	POOH W/ C/O TOOL
ACTIVITY:	BLED WELL PUMP 20 BBLS WTR DOWN TBG POOH W/ 20 STDS TBG R/U DELSCO RIH W 4 1/2 IN IMPRESSION BLOCK COULDNT GET IN 5 1/2 IN LINER TOP POOH RIH W/ 4 1/8 IN IMPRESSION BLOCK TAG 13660 FT POOH NO IMPRESSION RIH W/ 4 1/2 IN IMPRESSION BLOCK AGAIN TAG AT 13660 FT POOH NO IMPRESSION RIH W/ SINKER BARS TAG AT 13660 FT COULDNT GET ANY DEEPER POOH AND R/D DELSCO P/U 4 5/8 IN MILL SHOE C/O TOOL SIH SDON 9-10-83 BLE WELL PUMP 20 BBLS WTR DOWN TBG FIN RIH TAG AT 13662 FT P/U SWIVEL C/O LINER TO 3 1/2 IN LINER TOP L/D SWIVEL POOH W/ 64 STD SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3363
CUM. COST:	51796
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-12-83
PRESENT STATUS:	GET ABOVE 3 1/2 IN. LINER TOP.
ACTIVITY:	BLEED PRESS. OFF WELL. PUMP 20 BBLS. WTR. DOWN TBG. PUMP 40 BBLS. WTR. DOWN CSG. HAD 200 LBS. PRESS. FINISH POOH WITH MILL SHOE AND CLEAN OUT TOOL . HAD PIECE OF METAL INSIDE SHOE. POSSIBLY A TOP PIECE OF A MODEL D PKR. PICKUP 2 5/8 IN. MILL 15 JTS. OF 2 1/16 IN. TBG. AND CLEAN OUT TOOL. RIH WITH 430 JTS. TAG AT 13693. PICK UP POWER SWIVEL CLEAN OUT TO 13710. LAY DOWN 2 JTS. GET ABOVE 3 1/2 IN. LINER TOP. SDON.

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3511
CUM. COST:	55307
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-13-83
PRESENT STATUS:	MILL
ACTIVITY:	BLED OFF WELL HOOK UP POWER SWIVEL P/U 2 JTS TBG
02	START DRILLING AT 13710 FT CLEAN OUT TO 13793 FT
03	DRILLING VERY HARD MILL WORE OUT POOH W/ 80 STDS
04	TBG SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3446
CUM. COST:	58753
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-14-83
PRESENT STATUS:	DRILL
ACTIVITY:	BLED WELL PUMP 40 BBLS WTR DOWN CSG FIN POOH W/
02	MILL AND C/O TOOL FOUND 1 JT PLUGGED W/ SCALE
03	PUMPED OUT W/ MUD PUMP P/U 2 5/8 IN MIL AND C/O
04	TOOL TAG 10 FT INSIDE LINER REAM TO 13793 FT AND
05	START DRILLING MADE 2 FT POOH 5 JTS TBG SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3436
CUM. COST:	62189
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-15-83
PRESENT STATUS:	MILLING
ACTIVITY:	BLED WELL RIH W/ 5 JTS TBG P/U SWIVEL START DRILL
02	13795 FT TO 13805 FT STOPPED MAKING HOLE POOH
03	L/D CLEAN OUT TOOL 2 JTS TBG WERE PLUGGED W/
04	SAND SCALE AND METAL RIH W/ 20 STDS TBG SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	5294
CUM. COST:	67483
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-16 AND 9-17-83
PRESENT STATUS:	MILL
ACTIVITY:	9-16-83 BLED WELL POOH W/ 20 STDS TBG P/U 2 5/8 IN
02	MILL 15 JTS 2 1/16 IN TBG AND 430 2 7/8 IN TBG
03	RIH TAG AT 13805 FT P/U SWIVEL AND DRILL FOR 5 HRS
04	C/O TO 13842 FT L/D SWIVEL POOH 7 JTS SDON
05	9-17-83 BLED WELL RIH W/ 7 JTS TBG MILL FOR 1 1/2 HR
06	MADE NO HOLE POOH FOUND 15 JT WRAPPED AROUND 14
07	JT RIH W/ 20 STDS SDOW

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2663
CUM. COST:	70146
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-19-83
PRESENT STATUS:	FISHING
ACTIVITY:	BLED WELL PUMP 20 BBLS WTR DOWN TBG POOH W/ 20 STDS
02	TBG P/U 1 3/8 IN X 2 1/8 IN TAPER TAP 5 JTS 2 1/16
03	IN TBG BUMPER SUB AND JARS RIH TAG FISH AT 13798 FT
04	TRY TO SCREW INTO FISH POOH W/ FISH DRAGGING HAD
05	2 SMALL PIECES METAL DID NOT HAVE FISH SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2181
CUM. COST:	72327
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-20-83
PRESENT STATUS:	POOH W/ FISH
ACTIVITY:	BLED WELL PUMP 20 BBLS WTR DOWN TBG AND CSG FIN
02	RIH W/ TAPER TAP TAG AT 13798 FT P/U SWIVEL SCREW
03	INTO FISH COULD NOT JAR LOOSE TRIED FOR 1 HR L/D
04	SWIVEL POOH WHILE PUMPING 40 BBLS WTR DOWN CSG
05	LEAVE 50 STDS IN HOLE SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2563
CUM. COST:	74890
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-21-83
PRESENT STATUS:	FISHING
ACTIVITY:	BLED WELL POOH WHILE PUMPING WTR DOWN CSG HAD
02	BOTTOM OF 2 1/16 IN X 2 3/8 IN CHANGE OVER AND TOP
03	HALF OF 2 3/8 IN BOX RIH W/ 2 3/8 IN SPEAR 5 JTS
04	2 1/16 IN TBG BUMPER SUB AND JARS TAG AT 13798 FT
05	LATCH INTO FISH JAR 30 MIN WORK UP HOLE 5 JTS
06	THROUGH 3 1/2 IN LINER TOP GO BACK DOWN AND TAG
07	3 1/2 IN LINER W/ MILL POOH W/ 64 STDS SDON

STATE:	TAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	3448
CUM. COST:	78338
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-22-83
PRESENT STATUS:	FISHING
ACTIVITY:	BLED WELL POOH WHILE PUMPING 50 BBLS WTR DOWN CSG
02	LEFT 5 JTS 2 1/16 IN TBG IN HOLE RIH W/ 4 5/8 IN
03	OVERSHOT W/ 2 3/8 IN GRAPPLE BUMPER SUB AND JARS
04	TAG AT 13643 FT LATCH ONTO FISH PULL UP ABOVE 3 1/2
05	IN LINER GO DOWN AND TAG LINER W/ FISH POOH 70
06	STDS SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	7877
CUM. COST:	86215
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-23 AND 9-24-83
PRESENT STATUS:	ACIDIZE
ACTIVITY:	BLED WELL PUMP 30 BBLS WTR DOWN TBG 40 BBLS WTR
02	DOWN CSG FIN POOH DID NOT HAVE FISH LOST WHILE
03	POOH RIH W/ 4 5/8 IN OVERSHOT 2 1/4 IN GRAPPLE
04	TAG AT 13645 FT LATCH ONTO FISH PULL ABOVE 3 1/2 IN
05	LINER TOP GO BACK AND TAG LINER TOP POOH LEFT MILL
06	IN HOLE RIH W/ 20 STDS SDON
07	9-24-83 BLED WELL POOH P/U SPEAR W/ GRAPPLE RIH
08	TAG AT 13800 FT LATCH INTO MILL SHOE POOH
09	LAY DOWN FISHING TOOLS RIH OPEN ENDED TO 13680 FT
10	PUMP 80 BBLS WTR DOWN TBG R/U NOWSCO AND PUMP 1000
11	GAL 15 PERCENT HCL FOLLOWED BY 75 BBLS WTR R/D
12	NOWSCO POOH W/ 2000 FT TBG SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	4423
CUM. COST:	90638
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-26-83
PRESENT STATUS:	MILLING ON JUNK
ACTIVITY:	BLED WELL LAY DOWN 12 JTS TBG PUMP 40 BBLS WTR
02	DOWN CSG 30 BBLS DOWN TBG FIN POOH P/U MILL SHOE
03	16 JTS 2 3/8 IN FLUSH JT TBG C/O TOOL RIH TAG 13807
04	FT START DRILLING DRILL FOR 1 HR MADE 1 FT POOH
05	W/ 5 JTS TBG SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2938
CUM. COST:	93576
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-27-83
PRESENT STATUS:	FISHING
ACTIVITY:	BLED WELL RIH W/ 5 JTS TAG AT 13808 FT P/U SWIVEL
02	DRILL FOR 3 1/2 HRS COULDNT MAKE HOLE POOH AFTER
03	PUMPING 30 BBLS WTR DOWN TBG AND CSG LEFT MILL AND
04	CHECK SUB IN HOLE TWISTED PIN OFF
05	RIH W/ 20 STDS TBG SDON

STATE:	TAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2563
CUM. COST:	96139
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-28-83
PRESENT STATUS:	LAY DOWN FISH
ACTIVITY:	BLED WELL PUMP 20 BBLS WTR DOWN TBG POOH W/ 20 STDS
02	P/U TAPER TAP BUMPER SUB AND JARS RIH TAG AT 13803
03	FT SCREW INTO FISH SET JARS OFF TWICE CAME LOOSE
04	POOH W/ FISH RIH W/ 20 STDS SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	2634
CUM. COST:	98773
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-29-83
PRESENT STATUS:	RUN PROD EQUIP
ACTIVITY:	BLED WELL POOH W/ 20 STDS TBG P/U NUMBER 26 7 IN
02	MT STATES HD PKR AND PLUS 45 SN RIH SET PKR 11243
03	FT W/ 5000 LBS TENSION PUMP 200 BBLS HOT WTR DOWN
04	TBG DROP STANDING VALVE PUMP 65 BBLS WTR AND SEAT
05	STANDING VALVE FILL AND PRESS TEST CSG TO 2000 LBS
06	TEST TBG TO 6500 LBS LAND TBG W/ 30000 LBS TENSION
07	REMOVE BOP INSTALL WH R/U DELSCO AND FISH STANDING
08	VALVE R/D DELSCO SDON

STATE:	ITAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	-----
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	23847 1788
CUM. COST:	122620 124408
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	9-30 AND 10-1-83
PRESENT STATUS:	RUN RODS
ACTIVITY:	9-30-83 R/U NOWSCO TO ACID TREAT AVE RATE 12 BPM
02	AVG PRESS 7240 W/ 952 BBLS 7 1/2 PERCENT HCL 425
03	BALLS 150 BBLS FLUSH ISIP-2930 5 MIN-2300 10 MIN-
04	1830 15 MIN-1480 20 MIN-1210 R/D NOWSCO INSTALL
05	BOPS RELEASE PKR POOH LEAVE 20 STDS IN HOLE SDON
06	10-1-83 BLED WELL PUMP 30 BBLS DOWN CSG POOH RIH
07	W/ HILAND 7 IN 26 LB TBG ANCHOR 1 JT TBG PLUS 45
08	SN SET ANCHOR 11968 FT W/ 20000 LBS TENSION LAND
09	TBG R/U ROD EQUIP SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	WINKLER 1-28A3
LABEL:	FINAL REPORT
WO NO.:	584327
FOREMAN:	B.J. THOMPSON
RIG:	WOW 19
AUTH. AMNT:	128000
DAILY COST:	1600
CUM. COST:	126008
TYPE OF JOB:	C/O STIMULATE WASATCH AND BASAL GREEN RIVER
OBJECTIVE:	WASATCH AND BASAL GREEN RIVER
DATE(S):	10-3-83
PRESENT STATUS:	RIG DOWN AND MOVE
ACTIVITY:	RIH W/ 2 1/2 IN X 1 1/2 IN RHBC PUMP ON 278 3/4
02	IN RODS 105 7/8 IN RODS 92 1 IN ELEC E RODS SEATED
03	PUMP AT 11968 FT FILLED TBG SPACED OUT
04	STROKED W/ RIG OK SDON
05	7 DAYS TEST DATA TO FOLLOW

Shell Oil Company

P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

PRD4278 5421

4241 State Office Building: Salt Lake City, Ut. 84114. ● 801-533-5771

MONTHLY OIL AND GAS PRODUCTION REPORT

Duchesne

Operator name and address:

~~UTEX OIL CO.~~
% SHELL WESTERN E&P INC.

[redacted]
PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.

Operator name change

NOTIC

Utah Account No. ~~N0840~~

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name / API Number / Entity / Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
ELLSWORTH 1-16B4 4301330192 01735 02S 04W 16	WSTC	16	362	545	3344
HANSON TRUST 1-09B3 4301330144 01740 02S 03W 9	GR-WS	21	750	1042	637
MONSEN 1-27A3 4301330145 01745 01S 03W 27	WSTC	31	1273	2206	326
WINKLER 1-28A3 4301330191 01750 01S 03W 28	WSTC	31	1481	363	3094
[illegible] 4301330178 01755 02S 05W 10	WSTC	15	225	1653	322
ELLSWORTH 1-19B4 4301330183 01760 02S 04W 19	WSTC	20	469	618	3730
GOODRICH 1-2B3 4301330182 01765 02S 03W 2	GR-WS	28	841	1612	2766
BROTHERSON 1-15B4 4301330159 01770 02S 04W 15	WSTC	31	2207	608	5598
MYRIN RANCH 1-13B4 4301330180 01775 02S 04W 13	WSTC	12	735	817	3885
EVANS 1-19B3 4301330265 01776 02S 03W 19	WSTC	17	344	431	1457
BROTHERSON 1-22B4 4301330227 01780 02S 04W 22	WSTC	22	712	9687	2109
BIRCH 1-27B5 4301330197 01781 02S 05W 27	WSTC	26	2090	428	776
HANSKUTT 1-23B5 4301330172 01785 02S 05W 23	WSTC	24	517	3600	4664
OCT - 2	TOTAL		12006	23610	51275

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date 9-28-84

Telephone

Authorized signature

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

010931

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Limited Inc.

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: See attached list

RECEIVED
DEC 31 1986
DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Winkler

9. WELL NO.: 1-28A3

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 28 1s 3w

12. COUNTY OR PARISH: Duchesne

13. STATE:

14. PERMIT NO.: 43-013-30191

15. ELEVATIONS (Show whether DF, RT, GR, etc.):

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) - Change Operator			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED Jon K. Nelson TITLE Dist. Land Mgr. DATE 12/24/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

● ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
UTE UNIT 1-01B4 4301330129 01700 02S 04W 1	WSTC				
REEDER 1-17B5 4301330218 01710 02S 05W 17	WSTC				
UTE UNIT 1-22B5 4301330134 01715 02S 05W 22	WSTC				
ROBB 1-29B5 4301330135 01720 02S 05W 29	WSTC				
REMINGTON 1-34A3 4301330139 01725 01S 03W 34	WSTC				
POTTER 1-24B5 4301330356 01730 02S 05W 24	WSTC				
ELLSWORTH 1-16B4 4301330192 01735 02S 04W 16	WSTC				
REMINGTON #2-34A3 4301331091 01736 01S 03W 34	WSTC				
HANSON TRUST 1-09B3 4301330144 01740 02S 03W 9	GR-WS				
MONSEN 1-27A3 4301330145 01745 01S 03W 27	WSTC				
MONSEN #2-27A3 4301331104 01746 01S 03W 27	WSTC				
WINKLER 1-28A3 4301330191 01750 01S 03W 28	WSTC				
WINKLER #2-28A3 4301331109 01751 01S 03W 28	WSTC				
		TOTAL			

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Telephone _____

Authorized signature

PLEASE COMPLETE FORMS IN BLACK INK

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

c12712

RECEIVED
JAN 25 1988
DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0235

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks

Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS 1-26-88

CC: AWS

CTE:mmw

Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: Patented
7. Indian Allottee or Tribe Name: N/A
8. Unit or Communitization Agreement: N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other (specify)
9. Well Name and Number: Winkler #1-28A3
2. Name of Operator: ANR Production Company
10. API Well Number: 43-013-30191
3. Address of Operator: P. O. Box 749 Denver, CO 80201-0749
4. Telephone Number: (303) 573-4476
11. Field and Pool, or Wildcat: Altamont
5. Location of Well
Footage: 660' FNL & 1664' FEL
QQ, Sec, T., R., M.: NW/NE Section 28, T1S-R3W
County: Duchesne
State: UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [X] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate Date Work Will Start: 12/30/91

SUBSEQUENT REPORT (Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of Work Completion: _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure to cleanout, perf and acidize the above referenced well.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 12-30-91
BY: [signature]

RECEIVED
DEC 27 1991
DIVISION OF OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature: Eileen Danni Dey
Title: Regulatory Analyst
Date: 12/23/91

(State Use Only)

(8/90)

See Instructions on Reverse Side

WORKOVER PROCEDURE

WINKLER #1-28A3

SECTION 28, T1S, R3W
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

WELL DATA

Location:	660' FNL, 1664' FEL
Elevation:	8250' GL, 6271' KB
TD:	14,350'
PBTD:	13,808'
Casing:	13-3/8" 68# K-55 set @ 308', cmt'd w/450 sxs 9-5/8" 40# K-55 set @ 7256', cmt'd w/850 CF Re-cmt'd 13-3/8" x 9-5/8" annulus w/300 sxs. 7" 26# and 29#, S-95 set @ 12,201', cmt'd w/670 CF 5-1/2", 20#, S-95 set from 12,107' to 13,801', cmt'd w/470 CF 3-1/2", 10.3#, N-80 set from 13,693' to 14,349', cmt'd w/65 sxs
Tubing:	2-7/8" N-80 6.5# @ 10,690'
Perforations:	11,348' to 14,143', 531 total holes. (**Note**: 141 of these perfs are covered with scale.)

TUBULAR DATA

Description	ID	Drift	Capacity (B/F)	Burst (psi)	Collapse (psi)
9-5/8" 40# K-55	8.835"	8.679"	.0758	3950	2570
7" 26# S-95	6.276"	6.151"	.0382	8600	7800
7" 29# S-95	6.184"	6.059"	.0371	9690	9200
5-1/2" 20# S-95	4.778"	4.653"	.0221	10910	10630
3-1/2" 10.3# N-80	2.922"	2.797"	.00829	11560	12120

WELL HISTORY

August, 1973: Initial completion. Perf from 12,158' to 14,105', 1 SPF, 60 tot holes. Acidized w/20,000 gals 15% HCl. Flowed 1250 BOPD, 1375 MCFPD, FTP 4400 psi on a 12/64" choke.

October, 1974: Through tbg 2500 gal 15% acid treatment. No improvement in production - 250 BOPD.

January, 1976: Install gas lift.
Production before: 183 BOPD.
Production after: 250 BOPD.

October, 1976: Perf 13,648'-14,163', 1 SPF, 162 holes. Acidize 13,648'-14,163' w/26,250 gals 7-1/2% HCl.
Perf 13,082'-13,608', 1 SPF, 213 holes. Acidize 13,082'-13,608' w/26,250 gals 7-1/2% HCl.
Production before: 20 BO, 30 BW, 100 MCF.
Production after: 92 BO, 319 BW, 840 MCF.

April, 1977: Acidized all perfs w/10,000 gals 5% HCl.
Production before: 185 BO, 226 BW, 637 MCF.
Production after: 615 BO, 250 BW, 150 MCF.

November, 1980: Spotted 1500 gals of 15% HCl in 3-1/2" liner.
Acidized all perfs w/15,000 gals 15% HCl.
Production before: 40 BOPD, 110 BWPD, 23 MCFPD.
Production after: 57 BOPD, 99 BWPD, 727 MCFPD.

March, 1981: Set RBP @ 11,950'. Perf from 11,348' to 11,894', 3 SPF, 96 total holes. Acidized 11,348' to 11,894' w/16,100 gals 7-1/2% HCl.
Production before: 31 BOPD, 70 BWPD, 73 MCFPD on gas lift.
Production after: 251 BOPD, 2 BWPD, 926 MCFPD on gas lift.

October, 1983: Rls RBP @ 11,950' & POOH. CO 3-1/2" liner to 13,808'. Unable to get deeper. Acidized all remaining perforations w/40,000 gals 7-1/2% HCl. Install beam pump.
Production before: 11 BOPD, 78 BWPD, 76 MCFPD on gas lift.
Production after: 99 BOPD, 230 BWPD, 66 MCFPD on beam pump.

April, 1991: Install Rotaflex pumping unit.
Production before: 39 BOPD, 216 BWPD, 121 MCFPD.
Production after: 51 BOPD, 234 BWPD, 158 MCFPD.

PRESENT STATUS

SI to allow fluid to enter wellbore. Last production November 19, 1991 - 7 BO, 8 BW, 22 MCF.

PROCEDURE

1. MIRU service rig. ND WH, NU BOPE. Unseat downhole pump and POOH. Release TAC and stand back tbg.

2. PU & RIH w/mill, CO tools and csg scraper for 7", 29# casing. CO 7" csg to 5-1/2" ln top @ ±13,801'. POOH. PU & RIH w/mill & CO tools for 5-1/2", 20# casing. CO 5-1/2" liner to 3-1/2" liner top @ 13,693'. POOH.

3. **Please consult with the Denver Office before performing this step**. PU & RIH w/2-5/8" mill, CO tools and ±460' of 2-1/16" tbg. Attempt to CO 3-1/2" liner to PBTD @ ±14,000'. **Note**: The liner was last cleaned in September 1983; however, the depth reached was only 13,808'. Considerable expense was incurred trying to get to this depth. If it appears like trouble may be encountered, consider aborting cleanout of 3-1/2" liner.

4A. RU OWP WL service company. PU & RIH w/2-1/2" hollow carrier tbg gun, 3 SPF. Perforate from 13,721' to 13,875', 5 settings, 15 total holes, per attached perf schedule. **Note**: This step is contingent on success of Step 3 cleanout.

4B. PU & RIH w/4" csg gun, 3 SPF, 120° phasing. Perforate from 12,129' to 13,652', 66 settings, 198 total holes.

5. PU & RIH w/2-1/16" (footage to be determined by depth achieved in Step 3) open ended and 2-7/8" tbg. Spot 1000 gals 15% HCl w/additives in 3-1/2" liner. POOH.

6. PU wireline set 5-1/2" 20# RBP. Set RBP on 3-1/2" liner top @ ±13,693'. Spot 2 sxs of sand on top of BP.

7. PU & RIH w/5-1/2" 10K pkr on 3-1/2" tbg. Set pkr ±25 feet into 5-1/2" liner (approx. depth 12,130'). Attempt to fill backside. Acidize perforations from 12,129' to 13,875', 510 total holes (216 new, 294 old) w/15,300 gals 15% HCl w/additives and 801 - 1.1 BS's. Max treating pressure 4500 psi. **Note**: This acid job should be designed to include:

   A. All fluids to be heated to 150°F.

   B. Precede acid w/250 bbls 3% KCl wtr w/10 gals per 1000 gals scale inhibitor and 150 - 1.1 SG BS's evenly spaced.

   C. Spearhead acid w/500 gals xylene.

   D. Acidize w/3 stages of 5100 gals 15% HCl. Each stage containing 217 - 1.1 SG BS's and 2 diverter stages of 1500 gals gelled saltwater with 1/2 ppg benzoic acid flakes and rock salt.

8. Flow/swab back acid load.

9. Kill well w/3% KCl wtr. Rls pkr and stand back 3-1/2" tbg.

10. PU & RIH w/retrieving head and CO tools. CO sand and debris on top of RBP. Rls plug & POOH.

11. RU wireline service company. RIH w/7", 29# RBP. Set RBP 5' above liner top (approx. 12,102'). Dump 2 sxs of sand on BP. RIH w/4" csg gun and perforate 11,373' to 12,074', 3 SPF, 120° phasing, 42 settings, 126 total holes, per the attached perf schedule.

12. PU & RIH w/7", 26# treating pkr on 3-1/2" work string. Set pkr @ ±11,290'. Acidize perforations from 11,348' to 12,074', 222 total holes (126 new, 96 old) w/6700 gals 15% HCl w/additives and 350 - 1.1 BS's. Max treating pressure 8500 psi. **Note**: This acid job should be designed to include:

A. All fluids to be heated to 150°F.

B. Precede acid w/125 bbls 3% KCl wtr w/10 gals per 1000 gals scale inhibitor and 80 - 1.1 BS's evenly spaced.

C. Spearhead w/200 gals xylene.

D. Acidize w/2 stages of 3350 gals 15% HCl. Each stage containing 135 - 1.1 BS's evenly spaced and 1 diverter stage of 1500 gals gelled saltwater with 1/2 ppg benzoic acid flakes and rock salt.

13. Flow/swab back acid load.

14. Kill well w/3% KCl wtr. POOH & LD 3-1/2" tbg. RIH w/retrieving head on 2-7/8" tbg. Wash off sand from RBP. Rls RBP & POOH.

15. PU & RIH w/TAC & PBGA. PU & RIH w/1-3/4" pump and rods. Return well to production.

Greater Altamont Field
Winkler #1-28A3
NE/4 Section 28, T1S-R3W
Duchesne County, Utah

Lower Wasatch Perforation Schedule

Depth Reference: Schlumberger BHC Sonic (Runs 2, 3 - 4/25/73, 5/16/73)

~~*14267~~	13627	13148
~~*14253~~	13619	13097
~~*14224~~	13602	13065
~~*14216~~	13594	13054
~~*14193~~	13587	13047
~~*14186~~	13561	13039
~~*14178~~	13541	13033
~~*14171~~	13467	13009
13875	13448	12999
13812	13427	12989
13804	13392	12983
13794	13313	12979
13721	13300	
~~13687~~	13286	
13652	13276	

2½" gun

3⅛" or 4" gun

Gross Wasatch Interval 12,979' - 14,267' 42 feet, 29 zones

**Below Current PBTD.*

RJL
11/20/91

Greater Altamont Field
Winkler #1-28A3
NE/4 Section 28, T1S-R3W
Duchesne County, Utah

Lower Green River-Upper Wasatch Perforation Schedule

Depth Reference: Schlumberger BHC Sonic (Runs 1, 2 - 3/17/73, 4/25/73)

12935	12565	12254	11995	11666	11437
12912	12553	12246	11974	11630	11432
12899	12545	12242	11958	11622	11415
12864	12538	12220	11949	11605	11405
12854	12517	12212	11935	11595	11388
12837	12506	12190	11826	11553	11373
12822	12437	12180	11819	11543	
12817	12421	12129	11815	11532	
12777	12354	~~12104~~	11800	11520	
12771	12349	12074	11755	11512	
12754	12340	4" gun 12061	11752	11507	
12688	12331	12047	11740	11483	
12669	12325	↓ 12025	11726	11476	
12635	12293	12016	11680	11459	
12591	12272	12003	11673	11450	

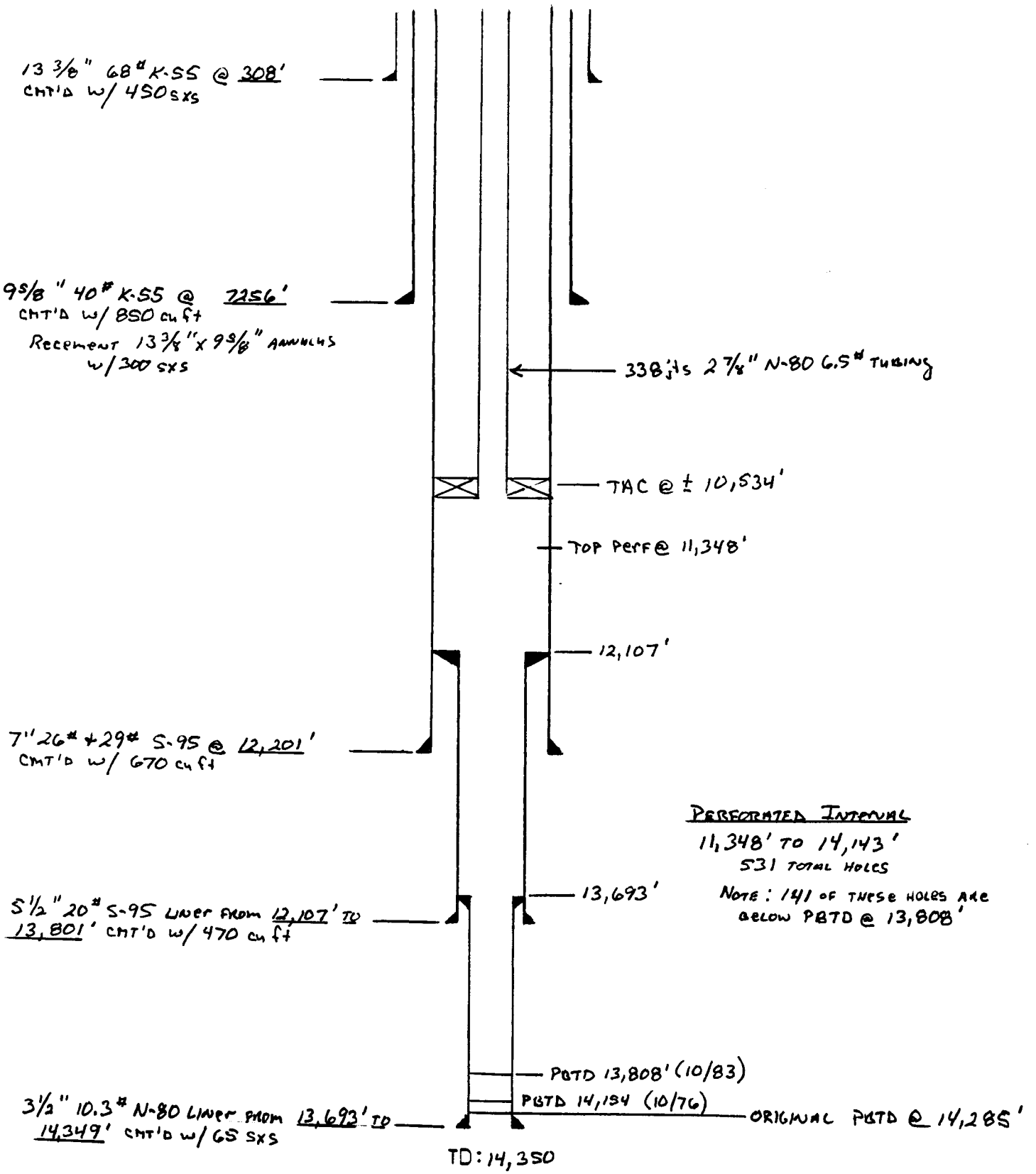
Gross Lower Green River-Wasatch Interval 11,373' - 12,935' 81 feet, 59 zones

RJL
11/20/91

PRESENT WELLBORE SCHEMATIC

WINKLER #1-28A3
SECTION 28, T1S, R3W

S.C. Prutch
12/4/91



Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: Patented

7. Indian Allottee or Tribe Name: N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT — for such proposals.

8. Unit or Communitization Agreement: N/A

Type of Well: [XX] Oil Well [ ] Gas Well [ ] Other (specify)

9. Well Name and Number: Winkler #1-28A3

2. Name of Operator: ANR Production Company

10. API Well Number: 43-013-30191

3. Address of Operator: P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number: (303) 573-4476

11. Field and Pool, or Wildcat: Altamont

5. Location of Well
Footage: 660' FNL & 1664' FEL
QQ, Sec., T., R., M.: NW/NE Section 28, T1S-R3W
County: Duchesne
State: UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[XX] Other Annual Status Report	
[ ] Other			

Approximate Date Work Will Start: _____

Date of Work Completion: _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above referenced well is uneconomical to produce. A workover is currently being performed on this well consisting of a cleanout, perf and acid stimulation. It is anticipated that the well will be returned to production after this workover.

RECEIVED
MAR 19 1992
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature: Eileen Danni Dey — Eileen Danni Dey — Title: Regulatory Analyst — Date: 3/16/92

(State Use Only)

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: Patented

7. Indian Allottee or Tribe Name: N/A

8. Unit or Communitization Agreement: N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other (specify)

9. Well Name and Number: Winkler #1-28A3

2. Name of Operator: ANR Production Company

10. API Well Number: 43-013-30191

3. Address of Operator: P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number: (303) 573-4476

11. Field and Pool, or Wildcat: Altamont

5. Location of Well
Footage : 660' FNL & 1664' FEL
QQ, Sec., T., R., M. : NW/NE Section 28, T1S-R3W
County : Duchesne
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[X] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[ ] Other			

Approximate Date Work Will Start: _____

Date of Work Completion: 3/15/92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the procedure performed to cleanout, perf and acidize the above referenced well.

RECEIVED
APR 02 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature: Eileen Danni Dey (Eileen Danni Dey) Title: Regulatory Analyst Date: 3/30/92

(State Use Only)

(8/90)

See Instructions on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

WINKLER #1-28A3 (CO, PERF & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 58.257050% ANR AFE: 63856
TD: 14,350' PBTD: 13,808'
3-1/2" LINER @ 13,693'-14,349'
PERFS: 11,348'-14,143'
CWC(M$): 169.4

2/24/92 POOH w/rod pump BHA. MIRU. ND WH. POOH w/rods and pump. NU BOP's.
DC: $3,941 TC: $3,941

2/25/92 POOH w/7" csg scraper. POOH w/rod pump BHA. RIH w/7" csg scraper & tag 5-1/2" liner top @ 12,115'.
DC: $2,359 TC: $6,300

2/26/92 CO 5-1/2" liner. POOH w/7" csg scraper. RIH w/4-5/8" mill & CO tools.
DC: $3,690 TC: $9,990

2/27/92 CO 3-1/2" liner. CO 5-1/2" liner to 13,693'. POOH. RIH w/2-3/4" mill & CO tools.
DC: $5,338 TC: $15,328

2/28/92 Finish POOH. Tag 3-1/2" liner @ 13,705'. CO to 13,754'. Drill out fill @ 13,754', 1-1/2 hrs. Unable to make hole. POOH, abandon work in 3-1/2" liner.
DC: $5,608 TC: $20,936

3/2/92 RIH w/5-1/2" pkr on 3-1/2" tbg. POOH w/CO tools. Perf Wasatch @ 12,129'-13,687' (67'). No press or FL incr.
DC: $13,480 TC: $34,416

3/3/92 Prep to acidize. RIH w/5-1/2" pkr on 3-1/2" tbg to 12,000'.
DC: $3,263 TC: $37,679

3/4/92 Prep to acidize.

3/5/92 Swab back load volume. Set 5-1/2" pkr @ 12,120' on 3-1/2" tbg. Acidize perfs w/15,300 gal 15% HCl w/801 - 1.1 BS's + diverters. MTP 7300 psi, ATP 6900 psi, MIR 23 BPM, AIR 17 BPM. ISIP 5230 psi, 15 min 3220 psi. Excellent diversion. 851 BLWTBR. RU swab equip. IFL @ 1900'. 16 swab runs. FFL @ 7200'. Rec'd 74 BLW.
DC: $37,807 TC: $75,486

3/6/92 Prep to RIH w/RBP. ISIP 150 psi. Made 11 swab trips. IFL @ 7300', FF @ 9300'. Rec 15.5 BO, 31.5 BW, oil cut 70% on last trip. Rls pkr & POOH.
DC: $5,856 TC: $81,342

3/9/92 RIH w/3-1/2" tbg. POOH w/3-1/2" tbg & pkr. RIH & set RBP @ 12,090'. Perf 126 shots from 11,373'-12,074'. PU 7" pkr & TIH on 3-1/2" tbg.
DC: $16,198 TC: $97,530

3/10/92 Prep to acidize well. RIH w/3-1/2" tbg. Set pkr @ 11,155'. Load annulus w/238 BW and test to 2000 psi.
DC: $2,529 TC: $100,059

3/11/92 Check fluid level & swab well. Acidized perfs 11,348'-12,074' w/6700 gals 15% HCl. Diverted acid w/270 BS's, RS & BAF. ATR 36 BPM @ 7800 psi. ISIP 3050 psi, 15 min 450 psi. TL 552 bbls. RU & swab 111 bbls w/FFL @ 7500'.
DC: $27,787 TC: $127,846

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

WINKLER #1-28A3 (CO, PERF & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 58.257050% ANR AFE: 63856

3/12/92 POOH w/pkr. SITP 200 psi. Swabbed 1 run. FL @ 7300'. Rec'd 2 BO and 3 BLW. RD swab equip. Rel pkr.
DC: $8,082 TC: $135,928

3/13-15/92 Place well on rod pump prod. POOH w/pkr and RBP. RIH w/rod pump BHA. Set TAC @ 10,489', PSN @ 10,385'. ND BOP's, NU WH. RIH with 1-3/4" pump & 86 tapered rod string. Space out. Hang well off. PT tbg to 500 psi. RDSU.
DC: $26,871 TC: $162,799

3/15/92 Pmpd 106 BO, 295 BW, 90 MCF/15 hrs.

3/16/92 Pmpd 115 BO, 233 BW, 77 MCF.

3/17/92 Pmpd 109 BO, 253 BW, 94 MCF.

3/18/92 Pmpd 56 BO, 216 BW, 110 MCF.

3/19/92 Pmpd 26 BO, 68 BW, 80 MCF.

3/20/92 Pmpd 24 BO, 72 BW, 74 MCF.

3/21/92 Pmpd 52 BO, 164 BW, 109 MCF.

3/22/92 Pmpd 4 BO, 28 BW, 22 MCF/7 hrs.

3/23/92 Pmpd 38 BO, 91 BW, 78 MCF.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: GH

1-LEC 7-SJ	
2-DTS 8-FILE	
3-VLD	
4-RJF	
5-LEC	
6-FILM	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: **12-27-95**)

TO (new operator)	**COASTAL OIL & GAS CORP**
(address)	**PO BOX 749**
	DENVER CO 80201-0749
	phone **(303)572-1121**
	account no. **N 0230 (B)**
FROM (former operator)	**ANR PRODUCTION CO INC**
(address)	**PO BOX 749**
	DENVER CO 80201-0749
	phone **(303)572-1121**
	account no. **N0675**

Well(s) (attach additional page if needed):

Name: ****SEE ATTACHED****	API: 013-30191	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 3-8-96)

Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-96)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

N/A 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-11-96)(4-3-96/Indian)(4-15-96/Fee C.A.'s)(8-20-96/Indian C.A.'s)

Lec 6. Cardex file has been updated for each well listed above.

Lec 7. Well file labels have been updated for each well listed above.

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-11-96)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

– OVER –

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. U605382-1 ($80,000) United Pacific Ins. Co.

Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

___ 2. A copy of this form has been placed in the new and former operators' bond files. * Upon Compl. of routing.

Lec 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date March 11, 1996. If yes, division response was made by letter dated _____ 19___. (Same Bond as Coastal)

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

___ 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

VS 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease/non C.A. wells ~~only~~ & State lease wells. ~~C.A. & Indian lease wells will be handled on separate change.~~

960412 BLM/SL Aprv. C.A.'s 4-11-96.

960820 BIA Aprv. CA's 8-16-96.

960329 BIA Aprv. Indian Lease wells 3-26-96.

*961107 Lomicq 2-582/43-013-30784 under review at this time; no chg. yet!

WE71/34-35

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL Footages	Section, Township & Range	Field	County
Miles 2-1B5	43-013-31257	Fee 11062	N/A	N/A	1567' FSL & 1868' FWL	NESW, 1-2S-5W	Altamont	Duchesne
Miles 2-3B3	43-013-31261	Fee 11102	N/A	N/A	2078' FSL & 2477' FWL	NESW, 3-2S-3W	Altamont	Duchesne
Monsen 1-21A3	43-013-30082	Patented 1590	N/A	N/A	1546' FNL & 705' FEL	SENE, 21-1S-3W	Altamont	Duchesne
Monsen 2-22A3	43-013-31265	Fee 11098	N/A	N/A	1141' FSL & 251' FWL	SWSW, 22-1S-3W	Altamont	Duchesne
Murdock 2-26B5	43-013-31124	Fee 1531	N/A	N/A	852' FWL & 937' FSL	SWSW, 26-2S-5W	Altamont	Duchesne
Potter 1-24B5	43-013-30356	Patented 1730	N/A	N/A	1110' FNL & 828' FEL	SENE, 24-2S-5W	Altamont	Duchesne
Potter 1-2B5	43-013-30293	Patented 1826	N/A	N/A	1832' FNL & 1385' FEL	SWNE, 2-2S-5W	Altamont	Duchesne
Potter 2-24B5	43-013-31118	Fee 1731	N/A	N/A	922' FWL & 2124' FSL	NWSW, 24-2S-5W	Altamont	Duchesne
Potter 2-6B4	43-013-31249	Fee 11038	N/A	N/A	1517' FSL & 1732' FWL	NESW, 6-2S-4W	Altamont	Duchesne
Powell 1-33A3	43-013-30105	Fee 1625	N/A	N/A	2340' FNL & 660' FEL	SENE, 33-1S-3W	Altamont	Duchesne
Powell 2-33A3	43-013-30704	Fee 2400	N/A	N/A	1582' FSL & 1558' FWL	NESW, 33-1S-3W	Altamont	Duchesne
Reeder 1-17B5	43-013-30218	Patented 1710	N/A	N/A	1619' FNL & 563' FEL	SENE, 17-2S-5W	Altamont	Duchesne
Remington 1-34A3	43-013-30139	Patented 1725	N/A	N/A	919' FNL & 1596' FEL	NWNE, 34-1S-3W	Altamont	Duchesne
Remington 2-34A3	43-013-31091	Fee 1736	N/A	N/A	1645' FWL & 1833' FSL	NESW, 34-1S-3W	Altamont	Duchesen
Roper 1-14B3	43-013-30217	Fee 1850	N/A	N/A	1623' FNL & 2102' FWL	SENW, 14-2S-3W	Bluebell	Duchesne
Rust 1-4B3	43-013-30063	Patented 1575	N/A	N/A	2030' FNL & 660' FEL	SENE, 4-2S-3W	Altamont	Duchesne
Rust 3-4B3	43-013-31070	Fee 1576	N/A	N/A	1072' FSL & 1460' FWL	SESW, 4-2S-3W	Altamont	Duchesne
Smith 1-31B5	43-013-30577	Fee 1955	N/A	N/A	2232' FSL & 1588' FEL	NWSE, 31-2S-5W	Altamont	Duchesne
State 1-19B1	43-013-30688	ML-30598 ~~Fee~~ 2395	N/A	N/A	1043' FWL & 1298' FNL	NWNW, 19-2S-1W	Bluebell	Duchesne
Stevenson 3-29A3	43-013-31376	Fee 11442	N/A	N/A	1347' FNL & 1134' FWL	CNW, 29-1S-3W	Altamont	Duchesne
Tew 1-15A3	43-013-30529	Fee 1945	N/A	N/A	1215' FEL & 1053' FNL	NENE, 15-1S-3W	Altamont	Duchesne
Tew 1-1B5	43-013-30264	Patented 1870	N/A	N/A	1558' FNL & 671' FEL	NENE, 1-2S-5W	Altamont	Duchesne
Todd 2-21A3	43-013-31296	Fee 11268	N/A	N/A	2456' FSL & 1106' FWL	NWSW, 21-1S-3W	Bluebell	Duchesne
Weikert 2-29B4	43-013-31298	Fee 11332	N/A	N/A	1528' FNL & 1051' FWL	SWNW, 29-2S-4W	Bluebell	Duchesne
Whitehead 1-22A3	43-013-30357	Patented 1885	N/A	N/A	2309' FNL & 2450' FEL	SWNE, 22-1S-3W	Altamont	Duchesne
→ Winkler 1-28A3	43-013-30191	Patented 1750	N/A	N/A	660' FNL & 1664' FEL	NWNE, 28-1S-3W	Altamont	Duchesne
Winkler 2-28A3	43-013-31109	Fee 1751	N/A	N/A	1645' FWL & 919' FSL	SESW, 28-1S-3W	Altamont	Duchesne
Wright 2-13B5	43-013-31267	Fee 11115	N/A	N/A	2442' FNL & 2100' FWL	SENW, 13-2S-5W	Altamont	Duchesne
Young 1-29B4	43-013-30246	Patented 1791	N/A	N/A	2311' FNL & 876' FEL	SENE, 29-2S-4W	Altamont	Duchesne
Young 2-15A3	43-013-31301	Fee 11344	N/A	N/A	1827' FWL & 1968' FWL	NWSW, 15-1S-3W	Altamont	Duchesne
Young 2-30B4	43-013-31366	Fee 11453	N/A	N/A	2400' FNL & 1600' FWL	SENW, 30-2S-4W	Altamont	Duchesne
Ute Tribal 2-21B6	43-013-31424	14-20-H62-2489 11615	Ute	9639	1226' FSL & 1306' FEL	SESE, 22-2S-6W	Altamont	Duchesne
Ute 1-34A4	43-013-30076	14-20-H62-1774 1585	Ute	9640	1050' FWL & 1900' FNL	SWNW, 12-2S-3W	Bluebell	Duchesne
Ute 1-36A4	43-013-30069	14-20-H62-1793 1580	Ute	9642	1544' FEL & 1419' FNL	SWNE, 28-2S-4W	Altamont	Duchesne
Ute 1-1B4	43-013-30129	14-20-H62-1798 1700	Ute	9649	500' FNL & 2380' FWL	NENW, 1-2S-4W	Altamont	Duchesne
Ute Jenks 2-1B4	43-013-31197	14-20-H62-1782 10844	Ute	9649	1167' FSL & 920' FWL	SWSW, 33-1N-2W	Bluebell	Duchesne
Evans 2-19B3	43-013-31113	14-20-H62-1734 1777	Ute	9678	983' FSL & 683' FEL	SESE, 21-2S-6W	Altamont	Duchesne
Ute 3-12B3	43-013-31379	14-20-H62-1810 11490	Ute	9679	2219' FNL & 2213' FEL	SWNE, 8-1S-1E	Bluebell	Uintah
Ute 1-28B4	43-013-30242	14-20-H62-1745 1796	Ute	9681	1727' FWL & 1675' FSL	NESW, 19-2S-3W	Altamont	Duchesne
Murdock 2-34B5	43-013-31132	14-20-H62-2511 10456	Ute	9685	1420' FNL & 1356' FEL	SWNE, 34-1S-4W	Altamont	Duchesne
Ute Tribal 10-13A4	43-013-30301	14-20-H62-1685 5925	Ute	9C-126	2230' FNL & 1582' FEL	SWNE, 33-1N-2W	Bluebell	Duchesne
Ute 1-8A1E	43-047-30173	14-20-H62-2714 1846	Ute	9C138	1543' FSL & 2251' FWL	NESW, 34-2S-5W	Altamont	Duchesne
Ute 2-33Z2	43-013-31111	14-20-H62-1703 10451	Ute	9C140	802' FNL & 1545' FWL	NWNE, 13-1S-4W	Altamont	Duchesne
Ute Tribal 1-33Z2	43-013-30334	14-20-H62-1703 1851	Ute	9C140	1660' FSL & 917' FWL	NWSW, 18-2S-3W	Altamont	Duchesne
Myrin Ranch 2-18B3	43-013-31297	14-20-H62-1744,4521,4522,4554	N/A 11475	UTU70814	975' FNL & 936' FEL	NENE, 36-1S-4W	Altamont	Duchesne
Ute Tribal 2-22B6	43-013-31444	14-20-H62-4644 11641	Ute	UTU73743	1401' FSL & 1295' FWL	NWSW, 15-2S-6W	Altamont	Duchesne
Ute 1-15B6	43-013-31484	14-20-H62-4647 11810	Ute	UTU73964	1879' FNL & 1070' FEL	SENE, 1-2S-4W	Altamont	Duchesne
Ute 1-25A3	43-013-30370	14-20-H62-1802 1920	Ute	N/A	1727' FNL & 1784' FEL	SWNE, 25-1S-3W	Bluebell	Duchesne
Ute 1-26A3	43-013-30348	14-20-H62-1803 1890	Ute	N/A	1869' FNL & 1731' FWL	SENW, 26-1S-3W	Bluebell	Duchesne

UTU 7
9679
9681
9C140
9639
9C138
9678
9640
9C-140
9685
9C126
UTU7681
9642
UTU7396
9649

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial Number: See Attached
SUNDRY NOTICES AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name: See Attached
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	7. Unit Agreement Name: See Attached
1. Type of Well: OIL [X] GAS [ ] OTHER:	8. Well Name and Number: See Attached
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: See Attached
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	10. Field and Pool, or Wildcat: See Attached
4. Location of Well Footages: See Attached QQ, Sec., T., R., M.: See Attached	County: See Attached State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit In Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon *	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Perforate
[ ] Convert to Injection	[ ] Perforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Change of Operator	
[ ] Other _____			
Approximate date work will start _____		Date of work completion _____	

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson

Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company

RECEIVED
MAR - 8 1996
DIV OF OIL, GAS & MINING

13.

Name & Signature: Sheila Bremer

Sheila Bremer
Environmental & Safety Analyst
Title: Coastal Oil & Gas Corporation Date: 03/07/96

(This space for State use only)

(5/94)

(See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Patented

6. If Indian, Allottee or Tribe Name: N/A

7. Unit Agreement Name: N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL [X] GAS [ ] OTHER:

8. Well Name and Number: Winkler #1-28A3

2. Name of Operator: ANR Production Company

9. API Well Number: 43-013-30191

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Wildcat: Altamont

4. Location of Well

Footages: 660' FNL & 1664' FEL

County: Duchesne

QQ, Sec., T., R., M.: NW/NE Section 28-T1S-R3W

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit In Duplicate)

- [ ] Abandon
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [ ] Multiple Completion
- [ ] Other _____
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandon *
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [X] Other Lower Seating Nipple
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion 11/20/94

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached morning reports for work performed to lower seat nipple to enhance production on the subject well.

1 - State (Orig)
1 - BLJ/MDE/Tami/File
1 - SAC

13.

Name & Signature: N.O. Shiflett /jab

Title: N.O. Shiflett
District Drilling Manager

Date: 12/16/94

(This space for State use only)

tax credit
1/26/95

(5/94)

(See Instructions on Reverse Side)

COASTAL OIL & GAS
MORNING REPORT

Pennant # 26

DATE 11-19-94

LEASE & WELL Winkler 1-28A3 — BILLING FOREMAN HAL IVIE — DAYS SINCE LIEVED 1

FIELD/PROSPECT Altamont / Bluebell — COUNTY Duch — STATE Utah

DISTRICT — REPORT TAKEN BY: — SPUD DATE: — DAYS SINCE SPUDDED

T.D. FT. — DRLG. PROGRESS FT. — IN HRS. " — CSG @ — PBTD FT.

ACTIVITY ● REPORT TIME Preparing to run rods.

HOURS	ACTIVITY LAST 24 HOURS 6:00 a.m. — 6:00 a.m.
9:00 Am	Travel Rig to Loc.
8:30 Am to 10 Am	STANDBY For Roto Flex to be moved.
	R.U. up & unscrat Pump.
	Flushed TBG w/60 BBLS H2O. Reset
	& Tested to 500# Held. T.O.O.H w/
	rods & Pump. Changed over to
	TBG. Unset Anchor. R.U. BOP'S
	& Floor. T.I.H w/21 JTS 2 7/8
	N-80 yellow Band 8rd TBG (663.95')
	Putting E.O.T @ 11,992.80. Top Anchor
	@ 11,990.50 S.N. @ 11,888.87
	E.O.T 122.20 Ft off 5½ Liner.
	Reset Anchor w/21,000# Tension.
	R.D. B.O.P'S & TBG eqw.
	R.U. Wellhead & Changed
	over to rods.
	Shut well in.
5:30 PM	S.D.F.N.

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)
21 JTS 2 7/8 N-80 yellow TBG = 2862

DRILLING/COMPLETION COSTS

CODE NO.	ITEM	COST DAILY	COST CUMULATIVE
110	ROADS & LOCATIONS		
120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP., WO	1384	1384
130	MUD & CHEMICALS Potassium Acetate Inh	120	120
135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		
140	ELECTRIC LOGGING (OPEN HOLE)		
141	CORING, DST, FMT		
142	MUD LOGGING		
145	FISHING TOOLS & SERVICES		
146	WATER Target	300	300
146	FUEL Propane	165	165
146	BITS		
147	EQUIPMENT RENTALS Tiger Tank = 45 BOP = 156 3½ S.S. Liner = 163	364	364
175	TRUCKING Heavy NS Trucking		
181	BHP, GOR, POTENTIAL TESTS		
183	PERF. AND CASED HOLE LOGS		
184	ACIDIZING, FRACTURING, ETC.		
	MISC. LABOR & SERVICES Hot Oil Service Inc.	580	580
190	SUPERVISION	350	350
	TOTAL INTANGIBLES	3263	3263
200	TOTAL TANGIBLES (CSG.,ETC.)	2862	2862
	TOTAL COSTS	6125	6125

DRILLING MUD PROPERTIES

WT. (#/GAL) — VIS (SEC.) — F.L. 100# (cc) — HIGH TEMP. F.L. @ 300 PSI — P.V.(CP) — Y.P. (LB/100 FT²)

% OIL — % LCM — % SOLIDS — ES/pH — ALK.:P_f — Ex-Lm. — CL (PPM)

OWR/Ca — GELS (LB/100 FT²): 0" — 10" — CAKE (32 ND") — MBT — LB/BBL

PUMP DATA:

NO. 1: MODEL — LINER SIZE — X — " SPM — GPM — PUMP PRESS

NO. 2: MODEL — LINER SIZE — X — " SPM — GPM — PUMP PRESS

DRILLING STRING:

D.P. SIZE & TYPE — D.C. THD — NO. D.C. — LENGTH — O.D. — I.D.

EFF. WT. OF D.C. — BHA

BIT RECORD:

BIT NO.	SIZE	MFGR.	TYPE	SERIAL NO.	JETS 32nd 1	2	3	DEPTH OUT	TOTAL THIS BIT FEET	HRS.	FT./HR.	CUM. HRS.	COND. DULL T	B	G

WT. ON BIT — 000# R.P.M — ANN. VEL.: DP — DC — SURF. HHP

BIT H.P. — % HHP THRU BIT NOZ. — NOZ. VEL — REDUCED RATE PUMP PRESS. — PSI @ — SPM

DEPTHS & INCLINATIONS

— FT. — DEG.

— FT. — DEG.

— FT. — DEG.

SOLIDS CONTROL EQPT. USED

SHALE SHAKER(S) — HRS.

DESANDER — HRS.

DESILTER/MUD CLEANER — HRS.

CENTRIFUGE — HRS.

MUD USED

— —

— —

— —

BOP/PIT DRILL: TIME OF DAY — REACTION TIME — MIN. W/ — FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

DISTRIBUTION: DISTRICT ▶ WHITE — DIST. FILE CANARY — REGION FILE PINK — DIST. EXPL.
FOREMAN ▶ WHITE — DIST. OFFICE CANARY — RIG PINK — FOREMAN FILE 011-5014(REV. 6/90)

Pennant #26

COASTAL OIL & GAS
MORNING REPORT

DATE 11-20-94

LEASE & WELL Winkler 1-28A3 BILLING FOREMAN HAL IUZE DAYS SIN LIEVED 2

FIELD/PROSPECT Altamont / Bluebell COUNTY Duch STATE UTAH

DISTRICT _____ REPORT TAKEN BY: Hal SPUD DATE: _____ DAYS SINCE SPUDDED _____

T.D. _____ FT. DRLG. PROGRESS _____ FT. IN _____ HRS. _____" CSG @ _____ PBTD _____ FT.

ACTIVITY @ REPORT TIME Well on Production.

HOURS	ACTIVITY LAST 24 HOURS 6:00 a.m. — 6:00 a.m.
7 00 AM	Pick up 1¼ Highland Pump &
	TIH w/ rods. Picking up
	27 New ¾ D. Plus Guided rods
	& Top of ¾ Taper.
	Seat & Spaced out P.R.
	Filled TBG w/ 48 BBLS H_2O.
	Pressure Tested to 500# Held
	R.D. Down & Cleaned
	Wellhead & Location.
	R.U. up RotoFlex & Turned
	Well on Production.
12 30 PM	Move off Location.

CODE NO.	ITEM	DRILLING/COMPLETION COSTS DAILY	CUMULATIVE
110	ROADS & LOCATIONS		
120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP., WO	836	2220
130	MUD & CHEMICALS		120
135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		
140	ELECTRIC LOGGING (OPEN HOLE)		
141	CORING, DST, FMT		
142	MUD LOGGING		
145	FISHING TOOLS & SERVICES		
146	WATER		300
146	FUEL Propane	90	255
146	BITS		
147	EQUIPMENT RENTALS Tiger Tank	25	389
175	TRUCKING		
181	BHP, GOR, POTENTIAL TESTS		
183	PERF. AND CASED HOLE LOGS		
184	ACIDIZING, FRACTURING, ETC.		
	MISC. LABOR & SERVICES Hot Oil Service Inc	284	864
190	SUPERVISION	350	700
	TOTAL INTANGIBLES	1585	4848
200	**TOTAL TANGIBLES (CSG.,ETC.)**	2953	5815
	TOTAL COSTS	4538	10663
	Cont 5%:	533	11,196

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE) Rod Rot = 300
2½ x 1¼ x 34' Highland Pump = 500
27 Guided D Plus ¾ rods w/ Boxes = 2153

DRILLING MUD PROPERTIES

WT. (#/GAL)_____ VIS (SEC.)_____ F.L. 100# (cc)_____ HIGH TEMP. F.L. @ 300 PSI_____ P.V. (CP)_____ Y.P. (LB/100 FT²)_____

% OIL_____ % LCM_____ % SOLIDS_____ ES/pH_____ ALK.: P_f_____ Ex. Lm._____ CL (PPM)_____

OWR/Ca_____ GELS (LB/100 FT²): 0"_____ 10"_____ CAKE (32 ND")_____ MBT_____ LB/BBL

PUMP DATA:

NO. 1: MODEL_____ LINER SIZE_____ X_____" SPM_____ GPM_____ PUMP PRESS_____

NO. 2: MODEL_____ LINER SIZE_____ X_____" SPM_____ GPM_____ PUMP PRESS_____

DRILLING STRING:

D.P. SIZE & TYPE_____ D.C. THD_____ NO. D.C._____ LENGTH_____ O.D._____ I.D._____

EFF. WT. OF D.C._____ BHA_____

BIT RECORD:

BIT NO.	SIZE	MFGR.	TYPE	SERIAL NO.	JETS 32nd 1	2	3	DEPTH OUT	TOTAL THIS BIT FEET	HRS.	FT./HR.	CUM. HRS.	COND. DULL T	B	G

WT. ON BIT_____,000# R.P.M._____ ANN. VEL.: DP_____ DC_____ SURF. HHP_____

BIT H.P._____ % HHP THRU BIT NOZ._____ NOZ. VEL_____ REDUCED RATE PUMP PRESS_____ PSI @_____ SPM

DEPTHS & INCLINATIONS

_____FT. _____DEG.

_____FT. _____DEG.

_____FT. _____DEG.

SOLIDS CONTROL EQPT. USED

SHALE SHAKER(S)_____ HRS.

DESANDER _____ HRS.

DESILTER/MUD CLEANER_____ HRS.

CENTRIFUGE _____ HRS.

MUD USED

_____ _____

_____ _____

_____ _____

BOP/PIT DRILL: TIME OF DAY_____ REACTION TIME_____ MIN. W/_____ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

DISTRIBUTION: DISTRICT ▶ WHITE — DIST. FILE CANARY — REGION FILE PINK — DIST. EXPL.
FOREMAN ▶ WHITE — DIST. OFFICE CANARY — RIG PINK — FOREMAN FILE 011-5014(REV. 6/90)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING		
1. GLH	✓	4-KAS ✓
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold) — Designation of Agent

Operator Name Change (Only) — **X** **Merger**

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No. **Unit:**

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
MONSEN 3-27A3	43-013-31401	11686	27-01S-03W	FEE	OW	P
WINKLER 1-28A3	43-013-30191	1750	28-01S-03W	FEE	OW	P
WINKLER 2-28A3	43-013-31109	1751	28-01S-03W	FEE	OW	P
HANSON TRUST 2-29A3	43-013-31043	10205	29-01S-03W	FEE	OW	P
STEVENSON 3-29A3	43-013-31376	11442	29-01S-03W	FEE	OW	P
DASTRUP 2-30A3	43-013-31320	11253	30-01S-03W	FEE	OW	P
B HARTMAN U 1-31A3	43-013-30093	5725	31-01S-03W	FEE	OW	S
HARTMAN 2-31A3	43-013-31243	11026	31-01S-03W	FEE	OW	P
HANSON TRUST 2-32A3	43-013-31072	1641	32-01S-03W	FEE	OW	P
POWELL 1-33A3	43-013-30105	1625	33-01S-03W	FEE	OW	P
POWELL 2-33A3	43-013-30704	2400	33-01S-03W	FEE	OW	P
REMINGTON 1-34A3	43-013-30139	1725	34-01S-03W	FEE	OW	P
REMINGTON 2-34A3	43-013-31091	1736	34-01S-03W	FEE	OW	P
JACOBSEN 2-12A4	43-013-30985	10313	12-01S-04W	FEE	OW	S
JESSEN 1-15A4	43-013-30817	9345	15-01S-04W	FEE	OW	P
FISHER 1-16A4	43-013-30737	9117	16-01S-04W	FEE	OW	P
JESSEN 1-17A4	43-013-30173	4725	17-01S-04W	FEE	OW	P
JESSEN 2-21A4	43-013-31256	11061	21-01S-04W	FEE	OW	P
CR AMES 1-23A4	43-013-30375	5675	23-01S-04W	FEE	OW	S
GOODRICH 1-24A4	43-013-30760	9136	24-01S-04W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 06/27/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 06/27/2001

3. Bond information entered in RBDMS on: 06/20/2001

4. Fee wells attached to bond in RBDMS on: 06/27/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708

2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
   The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8/15/01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: Exhibit "A"

2. NAME OF OPERATOR: El Paso Production Oil & Gas Company

9. API NUMBER:

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER: 435-789-4433

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE _____ DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE _____ DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

(5/2000) (See Instructions on Reverse Side)

State of Delaware

Office of the Secretary of State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

0610204 8100

010162788

AUTHENTICATION: 1061007

DATE: 04-03-01

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: FEE	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals	7. Indian Allottee or Tribe Name 8. Unit or Communitization Agreement
1. Type of Well [x] Oil Well [ ] Gas Well [ ] Other (specify)	9. Well Name and Number: WINKLER 1-28A3
2. Name of Operator: EL PASO PRODUCTION OIL & GAS COMPANY	10. API Well Number: 43-013-30191
3. Address of Operator: P.O. BOX 1148 VERNAL, UT 84078 4. Telephone Number: (435) 781-7023	11. Field and Pool, or Wildcat: ALTAMONT/BLUEBELL
5. Location of Well Footage : 660' FNL & 1664' FEL QQ, Sec, T., R., M : NWNE SEC. 28, T1S, R3W	County : DUCHESNE State : UT

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[x] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[ ] Other			

Approximate Date Work Will Start: IMMEDIATE

Date of Work Completion:

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

OPERATOR REQUESTS THT THE SUBJECT WELL BE PLACED ON TEMPORARY ABANDONMENT STATUS. THE WELL IS UNECONOMIC TO PRODUCE, AND IS CURRENTLY UNDER EVALUATION FOR ANY FUTURE POTENTIAL.

COPY SENT TO OPERATOR
Date: 11-18-02
Initials: CHD

14. I hereby certify that the foregoing is true and correct.

Name & Signature: CHERYL CAMERON Title: OPERATIONS Date: 11/07/02

(State Use Only)

The well is currently producing. In accordance with R649-3-36-1, the well may remain shut-in or temporarily abandoned until December 1, 2003, at which time the operator shall file a Sundry Notice providing the information specified in R649-3-36.

ACCEPTED BY: [signature] November 18, 2002
Division of Oil, Gas and Mining

(8/90) See Instructions on Reverse Side

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X Operator Name Change**

The operator of the well(s) listed below has changed, effective: **7/1/2006**

FROM: (Old Operator):	**TO:** (New Operator):
N1845-El Paso Production O&G Company	N3065-El Paso E&P Company, LP
1001 Louisiana Street	1001 Louisiana Street
Houston, TX 77002	Houston, TX 77002
Phone: 1 (713) 420-2300	Phone: 1 (713) 420-2131
CA No.	**Unit:**

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 3/30/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: requested 7/18/06

6b. Inspections of LA PA state/fee well sites complete on: ok

6c. Reports current for Production/Disposition & Sundries on:

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
8. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):** The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 7/19/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 7/19/2006
3. Bond information entered in RBDMS on: 7/19/2006
4. Fee/State wells attached to bond in RBDMS on: 7/19/2006
5. Injection Projects to new operator in RBDMS on: 7/19/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708

a. The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

COMMENTS:

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: SEE ATTACHED

2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY N1845

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113

PHONE NUMBER: (505) 344-9380

10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED

COUNTY: UINTAH & DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: CHANGE OF OPERATOR
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~, July 1, 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. N3065
1001 Louisiana
Houston, TX 77002

William M. Griffin
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON TITLE AUTHORIZED REGULATORY AGENT

SIGNATURE Cheryl Cameron DATE 6/20/2006

(This space for State use only)

APPROVED 7/19/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

(5/2000)

RECEIVED
JUL 05 2006
DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Winkler 1-28A3

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4301330191

3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6475

10. FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 660' FNL, 1664' FEL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 28 T1S R3W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Surface Meter Commingle
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well is commingled at surface meter with the Tew 1-15A3 API# 43-013-30529 and the Whitehead 1-22A3 API# 43-013-30357

NAME (PLEASE PRINT) Rachael Overbey TITLE Engineering Tech

SIGNATURE _____ DATE 7/16/2008

(This space for State use only)

RECEIVED
AUG 0 5 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Winkler 1-28A3
9. API NUMBER: 4301330191
10. FIELD AND POOL, OR WILDCAT: Altamont

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER ________

2. NAME OF OPERATOR: El Paso E&P Company, LP

3. ADDRESS OF OPERATOR: 1099 18th St. Ste 1900 CITY Denver STATE CO ZIP 80203 PHONE NUMBER: (303) 291-6417

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 660 FNL & 1664 FEL
COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 28 T1S R3W
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
upon approval	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE TUBING	☑ PLUG AND ABANDON	☐ VENT OR FLARE
Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: ________
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

El Paso E&P requests approval to plug and abandon the subject well per the attached procedure.

COPY SENT TO OPERATOR
Date: 3.19.2009
Initials: KS

NAME (PLEASE PRINT) Marie OKeefe TITLE Sr. Regulatory Analyst

SIGNATURE Marie OKeefe DATE 2/23/2009

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 3/18/09
BY: [signature]
* See Conditions of Approval (Attached)

RECEIVED
FEB 25 2009
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

elpaso Production

PLUG AND ABANDONMENT PROGNOSIS

WINKLER 1-28A3

API #: 4301330191
SEC 28-T1S-R3W
DUCHESNE COUNTY, UT

WELL DATA:
ELEVATIONS: GL 6,250' KB 6,271'
FORMATION TOPS: GREEN RIVER TN1 8,072', TGR3 @ 10,397', WASATCH @ 11,739'
BHT 168 DEG F @ 12,228' 3/73
TOTAL DEPTH: 14,350'
PBTD: 14,285'
HOLE/CASING SIZES:

17-1/2" hole	13-3/8" 68# 307' w/ 450 SXS cement
12-1/4" hole	9-5/8" 40# 7,256'with 850 SXS cement
8-3/4" hole	7" 26, 29# S95, P110 @ 12,201' with 400 SXS cement TOC @ 10,520' CBL 6/73
6-1/2" hole	5 1/2" 20# S95, P110 TOL @ 12,107' 5 1/2" 20# S95, P110 @ 13,801' W/ 600 SXS cement
4-5/8" hole	3 1/2" 10.3# N80 @ 13,693' 3 1/2" 10.3# N80 @ 14,349' W/ 65 SXS cement

PERFS: 11,348-13,754'

PACKERS & PLUGS:
NONE

WELL HAS BEEN REPORTED AS CYCLING & SHUT IN SINCE 6/2003
POSSIBLE CASING LEAK REPORTED WELL REVIEW 10/2008, DEPTH UNKNOWN

CEMENT DESIGN: Class G Cement, 15.5 ppg, 1.15 FT3/SX. Displace with corrosion inhibited produced water.

ABANDONMENT PROGNOSIS:

1. Notify DOGM of P&A operations at least 24 hrs prior to starting abandonment operations.

2. MIRUPU. Blow well down to tank and remove wellhead equipment. NU 5,000# BOPE. TOOH and lay down pump and rods.

3. Release 7" TAC @ 11,991'' and SOOH. RIH w/ 6 1/8" bit and 7" scraper to 11,820'. TOOH.

4. Plug #1-Spot 100' plug across top of Wasatch 11,789-11,689' with 20 SX Class G cement. WOC and tag w/ tubing. (Note: the CICR has been replaced with a 100' cement plug due to the close above perforations to the expected setting point of the CICR. This effort will minimize the chances of a suicide squeeze and potentially stuck tubing.)

5. Plug #2. Set 7" CICR @ 11,300'. Establish injection rate. Squeeze perforations w/ 75 SX class G cement. Pump 65 SX into CICR and dump 10 SX on top. If unable to establish injection rate, spot 30 SX on top of CICR.

6. Plug #3. Spot 100' stabilizer plug 8,025-8,125' with 20 SX Class G cement (2% CC optional). WOC and tag w/ tubing.

7. Free point, cut 7" casing @ 7,306' and lay down. TIH w/ 2 7/8" tubing to 7,356'.

8. Plug #4. Spot 100'-150' plug 50' inside stub, (50' across open hole if any) and 50' into surface casing with 50 SX Class G cement (2% CC optional). WOC and tag plug w/ tubing.

9. Plug #5. Spot 100' stabilizer plug across BMSGW 3,620-3,520' w/ 40 SX Class G cement (2% CC optional). WOC and tag w/ tubing.

10. RIH w/ 8 ¾" bit and 9 5/8" scraper to 1,030'.

11. Plug #6. TIH w/ 9 5/8" CICR to 1,000' and spot 10 SXS Class G cement on top.

12. Plug #7. TIH to 100' and spot 40 SX Class G surface plug (2% CC optional). Cement surface annulus via 1" tubing if necessary.

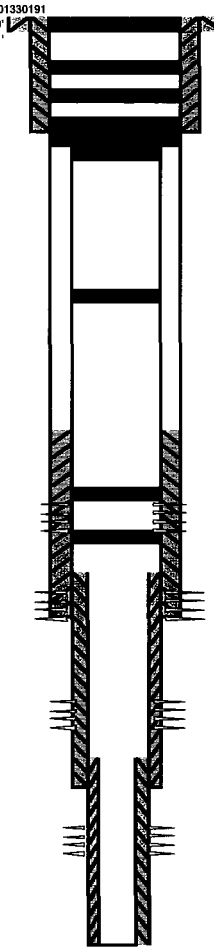
13. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include well number, location, and lease name. RDMOL.

14. Restore location.

WELL NAME: WINKLER 1-28A3

PROPOSED P&A

SEC 28, T1S, R3W
DUCHESNE COUNTY
API #4301330191
GL 6250'
KB 6271'



CONDUCTOR	13 3/8"	68#	K55	450 SX	307'
SURFACE	9 5/8"	40#	K55	850 SX	7256'

PLUG #7 100' TO SURFACE W/ 40 SX CLASS G

PLUG #6 9 5/8" CICR @ 1000' W/ 10 SX ON TOP

PLUG #5 BMSGW 3620-3520' W/ 40 SX CLASS G

PLUG #4 7356-7206' W/ 50 SX CLASS G

PLUG #3 8125-8025' W/ 20 SX CLASS G
GRTN1 @ 8072'

TGR3 @ 10397'

TOC @ 10520' CBL 6/73

PLUG #2 7" CICR @ 11300' W/ 65 SX CLASS G INTO AND 10 SX ON TOP

PERFS	11348-11894'	3/81			

PLUG #1 11789-11689' W/ 20 SX CLASS G
WASATCH @ 11739'

TOL	5 1/2"	20#	S95, P110		12107'
PERFS	12158-14105'	8/73			
INTERMEDIATE	7"	26, 29#	S95, P110	400 SX	12201'

TOL	3 1/2"	10.3#	N80		13693

PBTD 4 13754' 2/92
PBTD 3 13808' 10/83
PBTD 2 14154' 10/76

PBTD					14285'
LINER	3 1/2"	10.3#	N80	65 SX	14349'
TD					14350'

BMSGW @ 3570'
BHT 168° F @ 12228' 3/73

NOTE: NOT TO SCALE

HOLE SIZE	PIPE SIZE	WEIGHT	GRADE		SET DEPTH
17 1/2"	13 3/8"	68#	K55	450 SX	307'
12 1/4"	9 5/8"	40#	K55	850 SX	7256'
8 3/4"	7"	26, 29#	S95, P110	400 SX	12201'
TOL 1	5 1/2"	20#	S95, P110		12107'
6 1/2"	5 1/2"	20#	S95, P110	600 SX	13801'
TOL 2	3 1/2"	10.3#	N80		13693
4 5/8"	3 1/2"	10.3#	N80	65 SX	14349'

PERFORATIONS

PERFS	12158-14105'		8/73
PERFS	13082-14163'		10/76
RBP	11950'	REMOVED 9/83	3/81
PERFS	11348-11894		3/81
PERFS	11373-13687'		3/92
OPEN PERFS	11348-13754'		

TBG DETAIL 11-19-94

2 7/8" N80 8RD
TAC @ 11991', EOT @ 11993

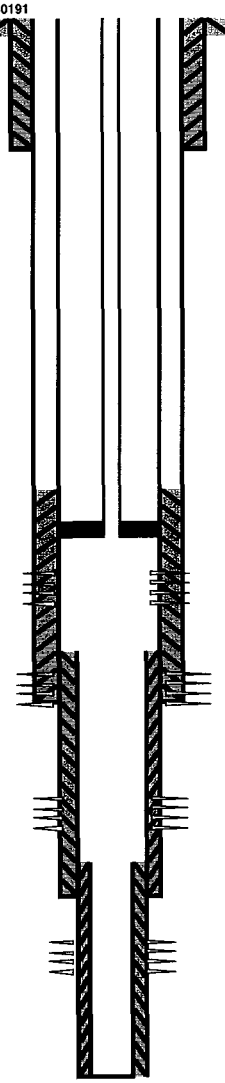
PRESS TEST CSG @ 11299' 2000# 8/93
CSG LEAK REPORTED AT 10/2008 WELL REVIEW, DEPTH UNKNOWN

7" CASING DETAIL
1 ST JT 52' 29# S-95
2-200 JTS 8295' 26# S-95

WELL NAME: WINKLER 1-28A3

WELL AS IS

SEC 28, T1S, R3W
DUCHESNE COUNTY
API #4301330191
GL 6250'
KB 6271'



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12 1/4"	9 5/8"	40#	K55	850 SX	7256'
8 3/4"	7"	26, 29#	S95, P110	400 SX	12201'
TOL 1	5 1/2"	20#	S95, P110		12107'
6 1/2"	5 1/2"	20#	S95, P110	600 SX	13801'
TOL 2	3 1/2"	10.3#	N80		13693
4 5/8"	3 1/2"	10.3#	N80	65 SX	14349'

PERFORATIONS			
PERFS	12158-14105'		8/73
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RBP	11950'	REMOVED 9/83	3/81
PERFS	11348-11894		3/81
PERFS	11373-13687'		3/92
OPEN PERFS	11348-13754'		

GRTN1 @ 8072'

TGR3 @ 10397'

TOC @ 10520' CBL 6/73

TAC @ 11991' EOT @ 11993' 11/94

PERFS	11348-11894'	3/81

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CSG LEAK REPORTED AT 10/2008 WELL REVIEW, DEPTH UNKNOWN

7" CASING DETAIL
1 ST JT 52' 29# S-95
2-200 JTS 8295' 26# S-95

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number:	Winkler 1-28A3
API Number:	43-013-30191
Operator:	El Paso E&P Company, L.P.
Reference Document:	Original Sundry Notice dated February 23, 2009, received by DOGM on February 25, 2009.

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. **AMEND PLUG #5 (Step#9):** Plug#5 shall be an inside/outside plug across the BMSGW. Total quantity of cement shall be ±90sx (Perf holes at 3600', establish injection, if injection is established set CICR @ 3550' pump 70sx below CICR, sting out and dump 20sx on top of CICR).
3. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
4. Balance plugs shall be tagged to ensure they are at the depths specified in the proposal.
5. All annuli shall be cemented from a minimum depth of 100' to the surface.
6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
7. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

March 18, 2009
Date

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

API Well No: 43-013-30191-00-00 **Permit No:** **Well Name/No:** WINKLER 1-28A3

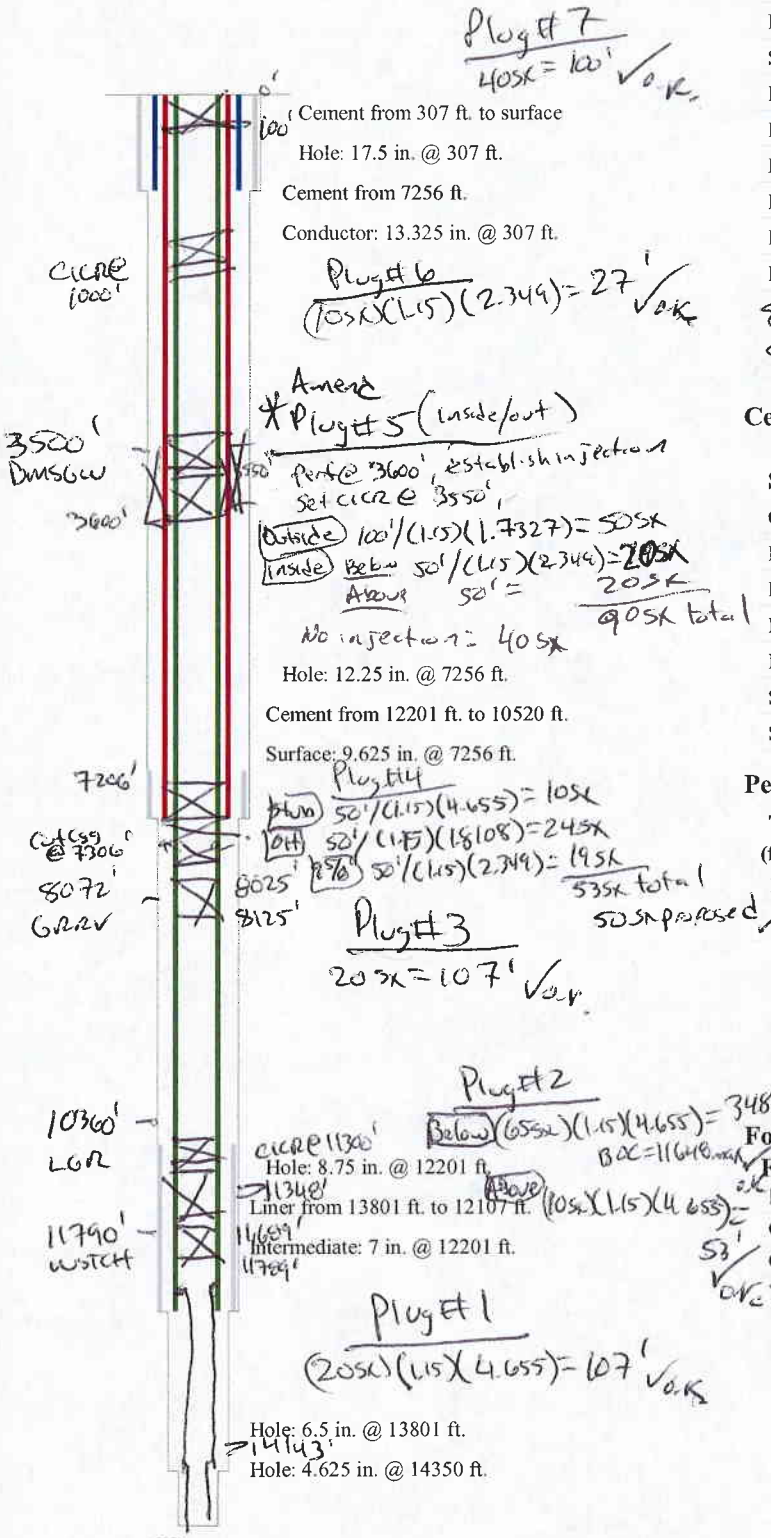
Company Name: EL PASO E&P COMPANY, LP

Location: Sec: 28 T: 1S R: 3W Spot: NWNE

Coordinates: X: 565924 Y: 4469112

Field Name: ALTAMONT

County Name: DUCHESNE



TD: 14350 **TVD:** **PBTD:**

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	307	17.5			
COND	307	13.325	68		
HOL2	7256	12.25			
SURF	7256	9.625	40		2.349
HOL3	12201	8.75			
I1	12201	7	26		4.655
HOL4	13801	6.5			
L1	13801	5.5	20		8.031
HOL5	14350	4.625			
L2	14349	3.5	10.3		

8 3/4" X 7" (15%) → 3.5088
8 3/4" OH (15%) → 1.8108
12 1/4" X 9 5/8" (15%) → 1.7327

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks	
COND	307	0	G	450	
I1	12201	10520	LT	250	
I1	12201	10520	G	148	
L1	13801	12107	G	600	
L2	14349	13693	G	65	
SURF	7256	5783' (15%)	LT	275	550cf
SURF	7256	4542' (0%)	G	260	300 cf

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
11348	14143			

Formation Information

Formation	Depth
BMSW	3500
GRRV	8072
GRRVL	10360
WSTC	11790

SWD 3-31A3 inj zone 3576'-4660'
2 miles away injected ± 20 yrs. PA 1995

API Well No: 43013301910000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
WINKLER 1-28A3

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, LP

9. API NUMBER:
43013301910000

3. ADDRESS OF OPERATOR:
1099 18th ST, STE 1900 , Denver, CO, 80202

PHONE NUMBER:
303 291-6417 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0660 FNL 1664 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 28 Township: 01.0S Range: 03.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 5/12/2009	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EL PASO E & P PLUGGED AND ABANDONED THE SUBJECT WELL ACCORDING TO THE ATTACHED REPORT.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
November 05, 2009

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Marie Okeefe	303 291-6417	Sr Regulatory Analyst
SIGNATURE		**DATE**
N/A		11/5/2009

RECEIVED November 05, 2009

Operations Summary Report

Legal Well Name: WINKLER 1-28A3
Common Well Name: WINKLER 1-28A3
Event Name: ABANDONMENT
Contractor Name: WESTERN WELLSITE SERVIC
Rig Name: WESTERN WELLSITE SERVIC

Start: 4/27/2009
Rig Release:
Rig Number: 1

Spud Date: 1/17/1973
End: 5/12/2009
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/28/2009	07:00 - 07:30	0.50	C	18		SAFETY MEETING W/ WESTERN CREW
	07:30 - 09:30	2.00	C	01		MIRU WESTERN WELLSITE #1
	09:30 - 10:30	1.00	C	18		PUMPED 63 BBLS HOT TPW DOWN CSG WHILE UNSEATING PUMP. L/D 3 RODS.
	10:30 - 11:30	1.00	C	18		FLUSHED TBG W/ 70 BBLS HOT TPW TO CLEAN UP RODS.
	11:30 - 17:30	6.00	C	04		POOH LAYING DOWN RODS. L/D 129-1", 133-7/8", AND 121-3/4". P/U POLISHED ROD. SECURED WELL FOR NIGHT
4/29/2009	07:00 - 07:30	0.50	C	18		SAFETY MEETING W/ WESTERN CREW
	07:30 - 09:00	1.50	C	04		POOH L/D 61-3/4" RODS, AND 26-1" WITH PUMP
	09:00 - 10:30	1.50	C	18		CHANGED HANDLING TOOLS FOR TBG. FLUSHED TBG W/ 70 BBLS HOT TPW. LET CSG DIE
	10:30 - 11:30	1.00	C	10		PULLED 120K SEVERAL TIME TO FREE TBG HANGER FR/ WELLHEAD. TBG MOVING FREELY. N/U BOPS. R/U FLOOR AND TONGS.
	11:30 - 14:30	3.00	C	04		POOH W/ 364 JTS 2-7/8" TBG. LET 21 JTS AND PRODUCTION BHA IN HOLE. TOF @ 11235
	14:30 - 15:30	1.00	C	18		W/O OVERSHOT
	15:30 - 17:30	2.00	C	04		M/U 5-3/4" OVERSHOT W/ 2-7/8" GRAPPLE W/ STOP AND PACKOFF. TIH W/ 91 STDS. EOT 5637. SECURED WELL FOR NIGHT
4/30/2009	07:00 - 07:30	0.50	C	18		SAFETY MEETING W/ WESTERN CREW AND GRACO FISHING
	07:30 - 09:30	2.00	C	04		SIP-0#. CONTINUED TIH W/ 5-3/4" OVERSHOT. TAGGED TIGHT SPOT @ 7856'. SET DOWN 10K DROPPED THROUGH. P/U NO DRAG. WORKED THROUGH SEVERAL TIMES. FIN TIH HOLE TO TOP OF FISH AT 11235'. ENGAGED OVERSHOT
	09:30 - 11:30	2.00	C	08		BROKE CIRCULATION DOWN TBG W/ 70 BBLS HOT TPW. CIRCULATED 160 BBLS OIL TO FRAC TANK.
	11:30 - 14:00	2.50	C	18		WORKED PIPE TO 120K TRYING TO SHEAR TAC.
	14:00 - 15:30	1.50	C	08		CALLED FOR WIRELINE. PUMPED 5 BBLS W/ RIG PUMP DOWN TBG. PRESSURED UP TO 1500#. R/U HOT OILER ON TBG. PUMPED 80 BBLS HOT TPW DOWN TBG W/ GOOD RETURNS FR/ CSG. CIRCULATED W/ RIG PUMP WHILE RIGGING UP THE PERFORATORS WIRELINE
	15:30 - 16:30	1.00	C	11		RIH W/ 2-1/8" CHEM CUTTER. SET DOWN @ 11817'. LOGGED 5 COLLARS. DROPPED BACK DOWN. MADE CUT @ 11810'. CUTTER HUNG UP. TBG FREE
	16:30 - 18:00	1.50	C	08		CIRCULATED 80 BBLS @ 3 BPM DOWN TBG. COULD NOT WORK LINE FREE. TRIED TO PULL OUT OF ROPE SOCKET. LINE CAME FREE. POOH W/ WIRELINE. LEFT 300' LINE, ROPE SOCKET, CCL, AND CHEM CUTTER IN HOLE. R/D WIRELINE. L/D 2 JTS TBG. SECURED WELL FOR NIGHT.
5/1/2009	07:00 - 07:30	0.50	C	18		SAFETY MEETING W/ WESTERN CREW AND GRACO FISHING
	07:30 - 12:00	4.50	C	04		SIP-0#. POOH W/ OVERSHOT. RECOVERED 19 JTS AND 12' OF 20TH JOINT. WIRELINE WAS HUNG IN SPLIT IN 3RD JOINT BELOW OVERSHOT. RECOVERED ALL OF WIRELINE AND TOOL STRING. (CUT JT WAS CUT IN A SPLIT)
	12:00 - 16:00	4.00	C	04		M/U 6-1/8" BIT. TIH. SET DOWN @ 7856'. ROTATED AND DROPPED THROUGH SEVERAL TIMES. POSSIBLE CSG LEAK OR PART. CONTINUED TIH. SET DOWN AGAIN @ 9120'. PULLED 20K OVER TO FREE. WORKED UP AND DOWN SEVERAL TIMES, DID NOT SEE TAGGING GOING DOWN OR DRAG UP. FIN TIH TO 11790'.
	16:00 - 17:30	1.50	C	14		BROKE CIRCULATION W/ 5 BBLS TPW. SPOTTED 25 SX CLASS G

Operations Summary Report

Legal Well Name: WINKLER 1-28A3
Common Well Name: WINKLER 1-28A3
Event Name: ABANDONMENT
Contractor Name: WESTERN WELLSITE SERVIC
Rig Name: WESTERN WELLSITE SERVIC

Start: 4/27/2009
Rig Release:
Rig Number: 1

Spud Date: 1/17/1973
End: 5/12/2009
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/1/2009	16:00 - 17:30	1.50	C	14		CMT DISPLACED W/ 68 BBLS TPW. POOH 15 STD TO 10864' EOT. SECURED WELL FOR NIGHT.
5/2/2009	07:00 - 07:30	0.50	C	18		SAFETY MEETING W/ WESTERN CREW
	07:30 - 08:30	1.00	C	14		SITP-0 SICP-0 TAGGED CMT @ 11740' ONLY 50' CMT. PUMPED 15 MORE SX CLASS G
	08:30 - 09:30	1.00	C	14		P/U TO 11297'. PUMPED 40 SX CLASS G W/ 2% CaCl. P/U TO 10371
	09:30 - 13:00	3.50	C	14		WOC
	13:00 - 13:30	0.50	C	14		TAG CMT @ 11112'. 185' CMT PLUG
	13:30 - 15:30	2.00	C	04		L/D TBG TO 8124'
	15:30 - 16:30	1.00	C	14		PUMPED 25 SX CLASS G W/ 2% CaCl. P/U TO 7198'. WOC. SHUT DOWN FOR WEEKEND
5/3/2009	-					NO ACTIVITY
5/4/2009	-					NO ACTIVITY
5/5/2009	07:00 - 08:00	1.00	C	04		HSM TAGGED CEM TOP @ 8014', TOOH TO 7904'
	08:00 - 09:00	1.00	C	14		PUMPED 30 SX CLAS G CEMENT W 2% CC,@ 7904' CEM TP @ 7736'
	09:00 - 09:30	0.50	C	04		TOOH TO 7300'
	09:30 - 11:30	2.00	C	08		CIRC WELL W/ 180 BTPW.
	11:30 - 12:00	0.50	C	18		WASHED OUT CELLAR W/ HOT OILER
	12:00 - 13:30	1.50	C	04		TOH W/ 2 7/8 TBG
	13:30 - 18:30	5.00	C	10		BLED DOWN SURF CSG, ND BOPS. CUT WINDOW IN 13 5/6 AND 9 5/8 CSG. CUT 7" CSG. NU WELLHEAD SECURED WELL SDFN
5/6/2009	07:00 - 10:30	3.50	C	17		HSM ND WELLHEAD RU WIRELINE. FREEPOINT CSG. CSG 100% FREE @ 7250'. RIH CUT CSG @ 7248'. WORKED CSG FREE. PULLED OUT AND RD WIRELINE.
	10:30 - 18:00	7.50	C	04		LD 80 JTS 7" CSG SECURED WELL SDFN
5/7/2009	07:00 - 14:00	7.00	C	04		HSM FINISHED LAYING DOWN 92-JTS 7" CSG
	14:00 - 16:00	2.00	C	09		RIH W/ 236- JTS 2 7/8 N-80 EUE TBG EOT @7292'
	16:00 - 16:30	0.50	C	14		PUMPED 50 SX CLASS G CEM W/ CC.
	16:30 - 17:00	0.50	C	04		TOOH W/ 32-JTS 2 7/8 TBG EOT @6245 CIRC. TBG CLEAN W/ 50 BTPW.
5/8/2009	07:00 - 13:00	6.00	C	04		HSM RIH W/ 32-JTS TAGGED CEM @ 7242'. LD 1-JT EOT 7240' RU TO PUMP CEM. TBG PLUGGED. TOOH LD 32 PLUGGED JTS 2 7/8 TBG. RIH W/ TBG.EOT @ 7240'
	13:00 - 14:00	1.00	C	14		EOT @7240 PUMPEC 25 SXS CLASS G CEMENT W/ CC.TOOH W/ 32-JTS 2 7/8.
	14:00 - 17:00	3.00	C	18		WOC
	17:00 - 18:00	1.00	C	04		RIH W/ TBG TAGGED CEM TOP @ 7180' LD 32 JTS SECURED WELL SDFN
5/9/2009	07:00 - 09:00	2.00	C	04		HSM. FININSHED TOOH W/ 2 7/8 N-80 EUE TBG.
	09:00 - 10:00	1.00	C	11		RU WIRELINE PERFORATED 9 5/8 CSG @3600'. RD WIRELINE
	10:00 - 10:30	0.50	C	08		FILLED CSG INJECTION RATE 3 BPM @ 800 PSI
	10:30 - 11:00	0.50	C	15		ND BOPS AND WELLEAD
	11:00 - 13:00	2.00	C	04		RIH W/ 8 3/4 BIT AND SCRAPER AND 116-JTS 2 7/8 EOT 3595'. TOOH W/ TBG AND BHA. RIH W/ 9 5/8 CICR 114-JTS 10' TBG SUB SET CICR @ 3544'
	13:00 - 13:30	0.50	C	14		PUMPED 90 SXS CLASS G CEM W/CC. 70 SXS BELOW CICR AT 1 1/2 BPM @ 500 PSI. UNSTUNG PUT 20 SXS ON TOP OF CICR.
	13:30 - 18:00	4.50	C	04		TOOH W/ TBG AND STINGER LAYING DOWN TBG AS NEEDED NU WELLHEAD AND BOPS SECUED WELL SDFN
5/10/2009	-					NO ACTIVITY
5/11/2009	-					NO ACTIVITY
5/12/2009	07:00 - 09:00	2.00	C	14		HSM RIH W/ 9 5/8 CICR AND 33- JTS 2 7/8 SET CICR @ 1007'

EL PASO PRODUCTION

Operations Summary Report

Legal Well Name:	WINKLER 1-28A3				
Common Well Name:	WINKLER 1-28A3			Spud Date:	1/17/1973
Event Name:	ABANDONMENT	Start:	4/27/2009	End:	5/12/2009
Contractor Name:	WESTERN WELLSITE SERVIC	Rig Release:		Group:	
Rig Name:	WESTERN WELLSITE SERVIC	Rig Number:	1		

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/12/2009	07:00 - 09:00	2.00	C	14		SPOTED 10 SXS ON TOP OF CICR LD 30-JTS ADED 10' SUB EOT AT 100' CIRC CEM TO SURF.
	09:00 - 10:00	1.00	C	01		RD RIG
	10:00 - 18:00	8.00	C	17		DUG OUT WELLHEAD. CUTOFF CSG.RAN 1' TUBE DOWN 9 5/8 ANN. ABOUT 80' COULD NOT GET DEEPER PUMPED CEM TO SURF FILLED 9 5/8. WELED MARKER PLATE, CLEAN LOC. MOVED RIG AND EQUIPMENT TO 2-10 B5.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2012**

FROM: (Old Operator):	**TO:** (New Operator):
N3065- El Paso E&P Company, L.P.	N3850- EP Energy E&P Company, L.P.
1001 Louisiana Street	1001 Louisiana Street
Houston, TX. 77002	Houston, TX. 77002
Phone: 1 (713) 997-5038	Phone: 1 (713) 997-5038

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/27/2012
4a. Is the new operator registered in the State of Utah: _____ Business Number: 2114377-0181
5a. (R649-9-2)Waste Management Plan has been received on: Yes
5b. Inspections of LA PA state/fee well sites complete on: N/A
5c. Reports current for Production/Disposition & Sundries on: 6/25/2012
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/29/2012
3. Bond information entered in RBDMS on: 6/29/2012
4. Fee/State wells attached to bond in RBDMS on: 6/29/2012
5. Injection Projects to new operator in RBDMS on: 6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: See Attached

2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT: See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Name/Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

Frank W. Falleri
Vice President
El Paso E&P Company, L.P.

Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez DATE 6/22/2012

(This space for State use only)

APPROVED 6/29/2012
Rachel Medina
Division of Oil, Gas and Mining
~~Earlene Russell, Engineering Technician~~
Rachel Medina

RECEIVED
JUN 25 2012
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

El Paso E1 Company, L.P. (N3065) to EP Energy E1 Company, L.P. (N3850) effective 6/1/2012

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA	
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA	
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA	
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA	
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA	
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA	
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA	
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA	
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA	
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA	
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA	
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA	
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA	
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA	
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA	
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA	
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA	
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA	
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA	
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA	
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA	
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA	
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA	
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA	
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA	
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA	
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA	
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA	
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA	
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA	
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA	
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA	
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA	
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA	
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA	
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA	
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA	
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA	
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA	
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA	
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA	
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA	
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA	
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA	
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA	
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA	
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA	
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA	
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA	
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA	
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA	
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA	
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA	
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA	
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA	
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA	
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA	
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S	

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	